

Book No. 16

H. A. ALLARD

FIELD COLLECTION NUMBERS

20360-21707

3000 7th St. N. Arlington

Allard, H. A. Virginia and 1952-1953.
Book 16. Maryland

Field Notes nos. 20360 - 21707.
(Journal notes in back pocket.)

(These Nos. were duplicated in moss collections
in Peru. See two field books in moss lab.
Sept. 1967.)

50174

Manufactured by
U. S. Government Printing Office

Panicum

Buzzard Mt., Va

Culpeper Co.

6/8/52

H.A. Allard

20360 on rocky
ledges in
thin soil

20361 Tephrosia

In dry, thin soil
on top, near # 20360
diabase

ditto

20362 Roadside - manzanita
sand stones, shales
near stone house,
route 211

ditto

20363 Near # 20362

In low
woods.

Thalictrum

Near # 20362
diabase.

Rosa carolina L.
f. glandulosa
(Crispin) Fernald

ditto

20364 ~~Thalictrum~~

with # 20363

low Buzzard Mt.
thin woods. diabase

Oenothera

ditto

20365 Quercus stellata
with # 20363
diabase

ditto

20366 Thalasspi

By Railroad near
Mitchell - diabase

ditto

20367 Lepidium
Near # 20366

ditto

20368 *Silene*.
By railroad near
Mitchell, Culpeper Co., Va. 6/8/52 }
diabase H.A.A. }

20369 *Achillea millefolium*
Roadside near Stone house route 211 ditto
shales & sandstones. Common
Fauquier Co.

20370 *Carex*.
with # 20369 - roadside ditto

20371 *Senecio smallii*
with # 20369 ditto

20372 *Verbascum blattaria*
fl. white
with # 20369 ditto

20373 *Pentstemon*; fl. white
Large patch near # 20369 ditto
in low pasture meadow
2 mi. beyond Stone house, route 211

20374 *Pinus echinata*?
Rocky soil near top Buzzard Mt. ditto

20375 *Clematis*
Thin woods slope
Buzzard Mt. Va. ditto
diabase.

20376 *Hamanacalis virginiana*
Rocky woods near top Buzzard Mt. ditto
Culpeper Co.
diabase.

Pentstemon; fl. white 6/8/52 }
in old pasture, damp soil foot H.A.A. }

20377 *Buzzard Mt.*
Culpeper Co., Va.
diabase

20378 *Prunus*
Slope Buzzard Mt. ditto
rocky soil - diabase -
first peak.

20379 *Polypodium vulgare* L. Va. ditto
in crevices of ledge *virginiana* (L.) C. Chr.
on Buzzard Mt. near top. diabase

20380 *Carex*
Near # 20379 ditto

20381 *Houstonia*
Top near # 20379, in
woods; diabase ditto

20382 *Fragaria*
Near # 20379 ditto
diabase.
at top Buzzard Mt -
first peak

20383 *Fragaria*
Near # 20382 ditto
Both very large trees

Finaspinus
X Top Buzzard Knob
Culpeper Co.,
diabase.
Large tree
6/8/52
H.A.

20384
20385 *Chimaphila maculata*
Top Buzzard Mt.,
low woods -
frequent diabase ditto

20386 *Vitis*
Top Buzzard Mt.,
near # 20384 ditto

20387 *Scleria*
Top Buzzard Mt., in
rocky woods near # 20384 ditto

20388 *Asplenium*
in crevices of ledge
near # 20384; frequent ditto

20389 *Panicum*
in rocky soil in woods
near # 20384 ditto

20390 *Euphorbia*
Foot Buzzard Mt.,
diabase
in cut-over woods of
pasture ditto

✓ *Apocynum*
in opening in woods near foot
Buzzard Mt.,
diabase.
6/8/52
H.A.

20391
20392 *Carex*
with # 20391 -
open woods, damp soil
diabase ditto

20393 *Cyperus*
foot Buzzard Mt., Va
wet soil, near # 20392 ditto

20394 *Bromus*
Foot Buzzard
near # 20392 ditto
abundant

20395 *Vicia*
foot Buzzard Mt. - open
waste ground by roadside
frequent diabase ditto

20396 *Eleocharis*
wet soil foot Buzzard Mt.
in woods near # 20393 ditto
diabase

20397 *Lepidium*
foot Buzzard Mt., in
waste ground
diabase ditto

Panicum
in open ground along road
road, foot Buzzard Mt.
20398 diabase
6/8/52
H.A. Allard

✓
20399 in wet soil
foot Buzzard near
20398
diabase

+
20400 *Galium*
with # 20399
diabase

✓
20401 *Lonicera japonica*,
foot Buzzard Mt.,
in open waste ground
Exceedingly common. Very fragrant

✓
20402 *Spicularia perfoliata*
foot Buzzard in opening in
woods. diabase

✓
20403 *Lathyrus latifolius*
Near old sawmill in open
ground; abundant here.
diabase - foot Buzzard Mt.

20404 *Quercus prinus*
Top Buzzard Mt
diabase
6/8/52

ditto

ditto

ditto

ditto

ditto

grass
Top Buzzard Mt.
in thin, dry, rocky soil
20405 diabase
6/8/52
H.A.9

20406 grass.
with # 20405

20407 *Parthenocissus*
Near # 20405
diabase
Common.

20408 *Pyrola rotundifolia*
var. *americana*
wooded slope
Buzzard Mt.
diabase

20409 wooded slope - top
Buzzard Mt.
diabase. By railroad
near # 20405 on bank
near Mitchell - infrequent

20410 *Viburnum recognitum*
In Allard's yard
3000-7th St., north, Arlington 1, Va
6/12/52. Very floriferous, fragrant

20411 *Ligustrum* - growing at
Pershing Drive and Darfield St., Arlington
Lyon Park, Va. 6/13/52.
In park full flower. (see printing specimens)

ditto

ditto

ditto

ditto

Liparis liliiflora -
Buzgard Mt in woods at
#20412 foot - 6/8/52

several plants here.
diabase 6/8/52
infrequent here H.A.A.
and elsewhere in area.

20413 *Opuntia humifusa*
on rocks and ledges top of
Buzgard; diabase ditto
Local here; infrequent in
area.

20414 *Commelina*
On rocks on top of Buzgard - ditto
with #20413

20415 *Massica* 2
Allard's garden 6/14/52

20416 Floating in dense mats
in Limestone Branch near
highway #15 6/15/52
border cong. H.A.A.
Loudoun Co.

20417 *Crataegus*
On cong. ledges in pasture
near Limestone Branch 1 mi ditto
Near #20416

20418 *Fraxinus*
Along Limestone Branch ditto
1 mile. Limestone cong.

Brown
along Limestone Branch near
20419 highway 15 6/15/52
cong. H.A.A.
Loudoun Co.

20420 *Medicago* (alfalfa)
Near #1 mi. down Limestone Br.
in old pasture. ditto

20421 *Hedeoma* 2
Near #20417 - on
cong. cliffs. ditto

20422 *Malva*
On cong. ledges
along Limestone Br. ditto
near #20417

20423 *Diodia*
In pastures on cong. ledges
1 mi. down Limestone Br. ditto
from #15 highway

20424 *Leonurus cardiaca*
Near #20417 ditto

20425 *Geranium*
On cong. ledges near
#20417. ditto

Pellaea atropurpurea (L.) Link
On cong. ledges in crevices
20426 1 mi down Limestone Br.
Rare in area - confined
to limestone ledges 6/15/52
H.A.A.

20427 *Fraxinus* - 1-1 1/2 mi.
down Limestone Br. from
route 15. In recent soil
on cong. ditto

20428 *Staphylea trifolia*
with # 20427
along stream of Limestone Br. ditto

20429 *Nerandera*
on cong. ledges near
Limestone Br. 1-1 1/2 mi down
stream from # 15. Locally abundant
here. ditto

20430 *Ruellia strepera*
fl. purple, in shaded
wooded bottom foot of cong. cliffs
where abundant; full bloom. ditto

20431 *Ruellia strepera*
fl. white; several in a
scattered colony; near # 20430 ditto
Rare.

20432 *Sabip*
along Limestone Br.
1 mi down stream from # 15.
cong.

Ranunculus
wet soil along Limestone Br.
20433 1 mi. down from # 15. 6/15/52
Frequent here. H.A.A.
cong.

20434 *Carex*
On cong. soil on
cong cliffs near # 20433 ditto

20435 *Acalypha*
on cong. ledges 1 mi. down
Limestone Br. from # 15 ditto

20436 *Ailanthus*
with # 20417. ditto

20437 *Verbascum blattaria*
fl. yellow.
In old field 2 mi. down
Limestone Br. frequent. ditto

20438 *Carpinus*
1 mi. down Limestone Br.
cong. from # 15 ditto

20439 *Celtis*
Near # 20438
cong. ditto

In pasture - along Limestone Br.,
1 mi. down from #15
20440 *Cory.* 6/15/52
H.A. a

20441 Large tree
on bank - near # 20440
Cory. ditto

20442 *Fraxinus*
near # 20440
Cory. ditto

20443 *Carex*
In wet soil along
Limestone Br., near # 15 ditto

20444 *Solanum ~~nigra~~ dulcamara*
In damp thicket near
20443 ditto
Cory.

20445 *Sambucus canadensis*
On limestone ledges 1 mi.
down Limestone Br. from # 15 ditto

20446 *Grass*
In old pasture 1 mi.
down Limestone Br. from
15 *Cory.* ditto

✓ *Nasturtium officinale*.
fl. white.
In wet soil on bank of
20447 Limestone Br., near # 15 6/15/52
Local. H.A. a
Cory.

20448 Bush form of poison Rhus.
near # 20447 - along
Limestone Br., near # 15 ditto
abundant here.

20449 *Fraxinus*.
along Limestone Br. on
bank - near # 15, ditto
Cory.

20450 *Panicum*
In damp soil, near
20449 *Cory.* ditto

20451 *Bromus*
near # 20450 ditto
Cory.

20452 *Carex*.
In wet soil near
20448 ditto
Cory.

20453 *Cyperus*.
In wet soil near # 20448 ditto

Carex.
In wet soil near #15 near
Limestone Br.
20454 Cong. 6/15/52
H.A.G.

11
20455 Silene
fl. white
along bank Limestone Br.
near #15. Cong.

20456 Sisymbrium
On cong. ledge near
Limestone Br. and
near #15 Cong.

20457 Arenaria
on thin soil on cong. ledges
near #20456. common
here. Cong. ditto

20458 Aquilegia
on cong. cliffs 1 mi.
down Limestone Br. from #15
Cong. ditto

20459 Trifolium
On cong. ledges 2 mi.
down Limestone Br. from #15
Cong. ditto

20460 Polygonum
In damp soil on bank
Limestone Br. 1 mi. down from
#15. Cong. ditto

Verbascum Thapsus

On cong. cliff 1 mi. down
20461 Limestone Br. from #15
Cong. ditto
Common.

20462 Oxalis
On bank on route 15
at Limestone Br.
Common
Cong. ditto

20463 Pentstemon
fl. white, along
Limestone Br. 2 mi. down
from #15
Near Goose Creek, roadside
Cong. ditto

20464 Plantago lanceolata
Roadside with #20463
diabase ditto

20465 Melilotus alba
Roadside with #20463
Near Goose Creek - diabase ditto

20466 Erigeron annuus
with #20463
diabase
Common everywhere. ditto

20467 Gratiola
In muddy soil and water
1 mi. down Limestone Br. from
route 15 Cong. ditto

Pentstemon
fl. white 1 1/2 mi. down
Limestone Br. from route 15
20468 frequent in area
Cong. 6/15/52
H.A.A.

20469 Lanius purpureus
On cong. ledge near
#20468. frequent in area
and locally abundant.

20470 Papaver
In pasture on Cong. ledges
fl. orange-red. 1 1/2 mi. down
Cong. Limestone Br.
Occasional. from #15

20471 Elymus
Near #20470 in old field.
Cong. ditto

20472 Urtica fulva
Near Limestone Br. 1 mi.
down from #15
Cong. ditto

20473 Dianthus armeria
old field near #20470
Cong. ditto
Common everywhere
in fields.

20474 Pileum pratense
In pasture - common
near #20470
Cong. ditto

Grass
In old field near #20470 6/15/52
H.A.A.

20475

20476 Diodia
In old field, 2 mi. down
Limestone Br. from #15
Common in old fields & pastures ditto

20477 Juncus
In old field near #20476
Common in area.
Cong. ditto

20478 Juncus
In old field near #20476
Cong. ditto
Common in old fields etc

20479 Quercus alba (enormous tree)
In fence row -
Cong. near #20478 ditto
Common in area.

20480 Allium commun
In old field with #20477 ditto
Very common in area.
Cong.

20481 Rumex acetosella
In old field with #20477. ditto
Very common throughout.
Cong.

Carex in old field 2 mi. down
Limestone Br. from #15 6/15/52
H.A.A.
20482 Common in dry pastures
etc. Cong.

20483 Carex
Near # 20482
In old field.
Common. Cong.

20484 Carex
In old field near # 20482
Frequent.
Cong. ditto

20485 Rubus - plant A. white
Floricane and veg. same
In fence row near # 20482
Common in area ditto

20486 Smilax. plant A
Near # 20482. at foot
Cong. ledge. ditto

20487 Helleborus
On Cong. ledge
near # 20482 ditto

20488 Aralia
On Cong. ledge
near # 20482 ditto

Menispermium canadense
Foot Cong cliffs in shaded
20489 woody bottom. 2 mi. down
Limestone Br. from #15 6/15/52
H.A.A.
Cong.
Local -

20490 Celtis.
2 mi. down Limestone Br.
on Cong. ledge near # 20489. ditto
Frequent.

20491 Fern asplenium ruta-muraria L.
on Cong. ledges in var. dignis
verices near # 20489 (Fini) Whang ditto
In frequent

20492 Viola
In moist bottom (wooded)
at foot ledges with # 20489 ditto

20493 Asplenium
on ledges (Cong) with # 20489 ditto
Frequent.

20494 Asplenium
with # 20489 - in verices
of Cong. ledge. ditto
In frequent.

20495 Carex.
On Cong. shelf near
20489. ditto

Aquilegia canadensis 6/15/52
On cong. ledge 2 mi. down
Limestone Br. from #15 H.A.A.
20496 Occasional,
cong.

20497 *Pellaea atropurpurea* ditto
On cong. ledge with
20491, 20493, 20494
2 mi. down Limestone Br. from #15
Infrequent.

20498 *Ruellia strepera* ditto
fl. purple. Large colonies
in moist bottom foot cong. cliffs
near #20496. Locally abundant here,
very showy.

20499 *Asimina triloba* ditto
Near #20498
Frequent in moist bottom
land etc.

20500 *Ruellia strepera* ditto
fl. white -
near #20498
Infrequent cong.

20501 *Oxalis* ditto
In old field near #20498

20502 *Fraxinus* ditto
Near #20498
cong.

? *Diodelia*
In old field 2 mi. down
Limestone Br. from #15
cong. 6/15/52
Common in old fields. H.A.A.

20504 *Crataegus*
On cong. ledge
2 mi. down Limestone Br. from #15 ditto
20505 *Verbascum blattaria* bl. yellow ditto
Near #20503 - frequent in
old fields. cong.

20506 *Carya*
On cong. cliffs
2 mi. down Limestone Br. from #15 ditto
cong.

20507 *Nepeta cataria* ditto
On limestone cong. ledge
near #20506
Frequent.

20508 *Tilia*
In ground of Henry School,
corner of 7th and Garfield N.,
Arlington, Va. 6/19/52
H.A.A.

20509 *Ligustrum*
In park corner of Pershing
Drive and Garfield St. N.,
Arlington, Va. 6/19/52
(See 20411 also. H.A.A.)

20510 *Cornus*
On left bank Cub Run 6/22/52
near #route 211. H.A.A.
Diabase.
Frequent.

Liquidambar styraciflua 6/22/52
On Cub Run near #211
20511 Frequent here and
along this stream.
diabase.

20512 *Heuchera*
1 mi. down Cub Run from 211
right bank; frequent
diabase ditto

20513 *Gonolobus decipiens* ?
In waste ground thickets
on Cub Run near #211
diabase. Rare in area.
Turns *contra-depressus* ^{small} red ditto

20514 *Allium canadense*
On flood plain (alluvial soil)
Rever - 2 mi down Cub Run
frequent ditto

20515 *Platanus occidentalis*
on Cub Run at #211
diabase
common in flood plain areas
downstream ditto

20516 *Apocynum*
In waste ground on Cub Run
at #211. diabase ditto

20517 *Vitis*
Near #20515
diabase
frequent in area. ditto

Dioscorea quaternata
In woods left bank Cub Run 6/22/52
20518 1 1/2 mi. down stream.
frequent in woods in H.A.A.
area diabase

20519 *Heuchera*
1 mi. down Cub Run on
rocks on bank (left)
diabase ditto

20520 *Heuchera corrus*
On rocks 1 mi down Cub Run
diabase right bank.
6/22/52 frequent. ditto

20521 *Graminaceae*
1 1/2 mi. down Cub Run
on bank near #20520
diabase ditto

20522 *Clay*
On bank Cub Run
near #20520. frequent.
diabase
(full flower) ditto

20523 *Hypoxis*
1 1/2 mi. down Cub Run
on bank of flood plain
near #20520; frequent ditto

20524 *Viburnum recognitum*
Near #20520
frequent -
diabase. (last fl.) ditto

Pedicularis canadensis 6/22/52
On blood plain soil H.A. a }
20525 1 1/2 mi. down Cub Run
from #211
- diabase - and recent.
Infrequent in area.

20526 *Celtis*
Near #20525 - ditto
on bank - diabase + frequent

20527 *Polystichum acrostichoides* (rich) Sch. #11
on wooded bank - ditto
diabase 1 1/2 mi. down Cub Run
from #211
Common.

20528 *Nyctrip patula*
In open woods on bank Cub
Run near #20527. ditto
Frequent. diabase

20529 *Ulmus fulva*
on bank near #20526 - ditto
frequent diabase

20530 *Scutellaria*
In rich decid. woods
1 1/2 mi. down Cub Run ditto
diabase. Frequent. scattered
fl. purplish blue.

20531 wet spot in woods Carex
1 1/2 mi. down Cub Run from ditto
#211 diabase

✓ Carex - in dry-deciduous 6/22/52
woods 1 1/2 mi. down Cub Run. H.A. a }
20532 diabase from #211.

20533 *Galium*. In dry woods
near #20532 - ditto
Frequent
diabase.

20534 *Pure white barn*
Scutellaria
In rich decid. woods 1 1/2 mi.
down Cub Run from #211 ditto
Infrequent - small colony. diabase

20535 *Viola*.
In wet spot near
#20534 - occasional ditto
diabase.

20536 Umbellifer
In rich woods ditto
near #20534
Frequent - diabase.

20537 Gramineae
In woods right bank ditto
Cub Run 1 1/2 mi. down stream
from #211 diabase.

20538 *Rhus aromatica*
In rich woods 1 mi. down ditto
Cub Run - right bank - from #211
diabase -
Local.

in rich woods ^{Liliaceae²}
1 mi. down Cub Run - right bank 6/22/52
from #211 - post. fl. H.A.A.
20539 *diabase*
infrequent.

20540 *Grass*
Near #20539
diabase.

20541 *Botrychium virginicum* (L.) Swartz
in rich woods near #20539
Frequent
diabase.

20542 *Viola*
in moist woods 1 mi.
down Cub Run from #211
Petioles glabrous.
diabase.

20543 *Erigeron strigosus*
in woods 1 mi. down Cub Run
from #211 *diabase*
Common throughout area

20544 in waste ground on
Cub Run at #211.
(alsike)?
Common.
diabase *Trifolium*
fl. pink

20545 *Eleocharis*
in wet spot soil near Cub Run
at #211 *diabase*

✓ *Juncus* 6/22/52
with #20545 H.A.A.
20546 *diabase*.

20547 *Ciccharum intybus*
bl. blue.
along Cub Run along #211
Very common
bull bl. *ditto*

20548 *Rubus serotina*
in waste ground thicket
along Cub Run, near #211.
Very abundant, showy, here
diabase.

20549 *Oxalis europaea* *forma*
agrosa along #211
Near #20547. at Cub Run.
Very common. *diabase*.

20550 *Triticum aestivum*
common wheat
along 211 - at Cub Run.
Occasional. int. *ditto*

20551 *Speularia perfoliata*
Thicket with #20548
Common.
bl. blue. *diabase*.

20552 *Scutellaria*
Damp soil, waste ground
with #20548 - Considerable
colony here; bl. blue.
diabase *ditto*

yellow *Trifolium*
on bank along #211
at Cut Run.
20553 Common.
6/22/52
H.A.A.

20554 *Scirpus*
wet soil along Cut Run
at bridge #211 diabase ditto

20555 *Carex*
with #20554. large
clumps in wet soil
diabase ditto

20556 *Labiatae*.
In waste ground on Cut Run
at #211
diabase.
Common. ditto

20557 *Plantago aristata*
Dry soil along Cut Run
at #211 diabase
Common (det.) ditto

20558 *Spergularia rubra*
with #20557.
Frequent.
fl. rosy colored ditto

20559 *Rosa*
In thickets along Cut Run
near #211
diabase
Frequent ditto

Quercus bicolor
on flood plain Cut Run
near #211.
20560 Frequent in damp
low ground recent
6/22/52
H.A.A.

20561 *Agrimonia*
In moist flood plain
woods on Cut Run near
#211 Frequent. ditto

20562 *Carpinus*
1 1/2 mi. down Cut Run
from #211
Frequent
along streams. diabase ditto

20563 *Fern*
On diabase ledge
1 mi. down Cut Run from
#211. Local ditto

20564 *Woodsia obtusa* Young
moist soil on bank
diabase - and recent soil
1 1/2 mi. down Cut Run from
#211. Recent. ditto

20565 *Vaccinium* Edge Cut
Run - on wooded banks 1 1/2 mi.
down from #211.
Infrequent.
diabase. ditto

20566 *Carpinus*
Near #20562
along stream
diabase. ditto

Juncus
Recent soil - on bank of Cut Run
1 1/2 mi down from #211. 6/22/52
20567 H.A.A.

20568 *Panicum*
Recent soil on bank
near #20567

20569 *Quercus palustris*
Bank Cut Run
1 1/2 mi. down from #211
Scattered in usually
moist soil - diabase

20570 *Alnus*
1 1/2 mi. down Cut Run -
diabase - moist soil
Common in such situations
throughout -

20571 *Salix*
In flood plain soil -
near #20570
Frequent along stream in
area.

20572 *Asplenium platyneuron* (L.) Oakes
On diabase rock 1 mi.
down Cut Run from #211
frequent.

20573 *Galium*
In decid. woods
bank Cut Run 1 mi. down stream
from #211 frequent.
diabase.

Coreopsis verticillata
In woods (rich) - diabase, 6/22/52
20574 down Cut Run 1 mi. from H.A.A.
#211

20575 *Baptisia tinctoria*
In recent soil 1 1/2 mi. down
Cut Run from #211
Common - di

20576 *Panicum*
Near #20575 - recent soil ditto

20577 *Panicum*
Recent soil - near #20576 ditto

20578 *Panicum*
Recent soil - near #20576 ditto

20579 *Panicum*
Recent soil. Near #20576 ditto

20580 *Hypoxis hirsuta*
Recent soil. Near #20576 ditto

20 *Panicum*
1 mi. down Cub Run from #211 6/22/52
Recent, alluvial soil H.A.A.

20 20582 *Carpinus*
1 1/2 mi. down Cub Run from
#211, on bank - recent, flood plain
soil. ditto

2 20583 *Polygonaceae*
In water and mud in
almost dry stream bed of Cub
Run 1/2 mi. down from #211
Very abundant here; not in fl.
on recent, alluvial soil ditto

2 20584 *Fraxinus*
Near #20582 -
On bank - diabase
frequent ditto

2 20585 *Cephalanthus occidentalis*
In wet, recent flood-plain soil
near #20582 ditto
Frequent in such situations.
Not in flower

20586 *Trifolium scitellus*
Forming dense green, grass-like
mats on mud of recent, alluvial
soil 1 mi. down Cub Run from #211 ditto
Rare. My first find.

20587 *Scutellaria*
In woods 1 mi. down Cub Run
from #211 ditto
diabase. fl. blue
frequent.

20588 *Rubus*
Trailing in decid. woods - 6/22/52
plant A. florivane and H.A.A.
primocane
infrequent.
diabase

20589 *Trailing Rubus*
near #20588 ditto
In decid. woods; diabase
Plant C. primo- and florivane

20590 *Desmodium rotundifolium*
In dry woods near #20588 ditto
Frequent.
Diabase.
Not in fl.

20591 *Vaccinium*
In woods 1 mi. down
Cub Run from #211. ditto
diabase.

20592 *Ilex*
1 mi. down - on bank ditto
(diabase) near #20591

20593 *Gerardia*
In dry woods near
#20589. frequent. ditto
diabase. Not in fl.

20594 *Panicum*
In woods in same
1 mi. down Cub Run from
#211. ditto
diabase.

- Juncus*
 In wet ravine 1 mi.
 down Cub Run from #211
 recent - alluvial soil.
- 20595
 6/22/52
 H.A.G.
- Clematis*
 In dry rocky woods
 1 mi. down Cub Run from
 #211. Frequent
 Past. fl. diabase.
- 20596
 ditto
- Panicum*
 1 mi. down Cub Run from #211
 in damp soil along bank
 recent, alluvial
 Frequent.
- 20597
 ditto
- Pedicularis canadensis*
 On blood plain, recent soil
 in woods 1 mi. down Cub Run
 from #211 Frequent in similar
 situations
- 20598
 ditto
- Galium*
 In rich woods - diabase -
 1 mi. down stream on Cub Run
 from #211. Frequent.
- 20599
 ditto
- Galium*
 In moist thickets
 on bank Cub Run near #211
 Frequent diabase
 Leaves linear 6 in. long.
- 20600
 ditto
- Justicia americana*
 In mud and water
 in Cub Run near #211.
 Full flower - purple - very showy.
 Common. recent.
- 20601
 ditto

- Ceanothus americanus*
 In dry woods near
 Cub Run near #211
 Frequent in dry, open
 woods; full flower.
 diabase.
- 20602
 6/22/52
 H.A.G.
- Scutellaria*
 In moist woods left bank
 Cub Run at #211
 Recent - alluvial
 fl. purple.
- 20603
 ditto
- Grass*
 In alluvial soil
 near #20603-
- 20604
 ditto
- Bromus*
 In moist soil with
 #20604
- 20605
 ditto
- Umbellifer*
 In moist, blood plain
 thickets (recent soil) along Cub Run
 near #211 Frequent.
- 20606
 ditto
- Grass*
 In alluvial, blood plain
 soil in woods near #20604
 along Cub Run near #211
- 20607
 ditto
- Smilax* *Dioscorea*
 In moist, alluvial
 soil of woods near #20605
- 20608
 ditto

Dioscorea

6/22/52

H.A.A.

20609 In moist soil of thicket
along Cut Run, flood-plain
near # 211.

Recent.

20610 Galium in
moist woods
on Cut Run - near # 211
Recent, flood-plain soil

20611 Cyperaceae
In moist thicket
along Cut Run at # 211
Flood plain, recent soil

20612 Fragaria
Banks Cut Run at # 211
alluvial, recent soil

20613 Agrimonia
In moist soil of flood-plain
of Cut Run at # 211
Frequent

20614 Steironema fl. yellow
fl. yellow
In moist soil in thicket
near # 20611
Frequent. Recent, alluvial soil
full fl.

20615 Umbellifer
In recent, flood plain soil
with # 20614; frequent

ditto

ditto

ditto

ditto

ditto

ditto

Carpinus

6/22/52

H.A.A.

20616 On banks - Cut Run at # 211
Recent, alluvial soil.

20617 Sium
In moist thicket
near # 20614
Recent, alluvial soil
part fl.

20618 Umbellifer
On moist, flood plain soil
near # 20614

20619 Carex
In moist, flood-plain
recent soil near # 20614

20620 Grass -
Poa?
In moist, flood-plain
recent soil, in thicket with
20614

20621 Oxalis europaea
forma cymosa
In Allard's garden
Common

20622 4 mi. N. of Baseline 4 mi.
N. of front South Branch 1 mi.
Lodgepole Pine. 7/5/52
3800 ft.
near 3600 ft. alt. H.A.A.

ditto

ditto

ditto

ditto

6/24/52
H.A.A.

At Lookout over Germany Valley above
Riverton, W. Va July 3, 1952
Hemlock

2 20623

2 20624 Composite; heads small, yellow; 4 mi. up from South Branch in gravelly soil near where Texas pipe line (gas) is put down over North Mt. alt 3600-3800 ft. 7/4/52

2 20625 Rudbeckia - Top Shevardah Rd. beyond Harrisonburg on route to Brandywine; roadside. 7/3/52
serotina (typical) H.A.G.

2 20626 ~~Saxifraga~~ Cyperus - 4 mi. up near # 20624
Dry soil of bare pipe line.

ditto

2 20627 Viola. on dry gravelly soil of Texas pipe line 1-1 1/2 miles up from South Branch 1 mi. below Seneca Rocks. at 3200-3300 ft. ditto

20628 at Germany Valley Lookout above Riverton with # 20623
Houstonia 7/3/52 ditto

20629 Panicum 4 mi. up pipe line near # 20624. Dry, fresh, gravelly soil in open. 7/4/54 ditto

Legume. At Germany Valley Lookout with # 20630 & 20628 - on rocky slope on roadside hill; first fl.

7/3/52
H.A.G.

20631 Carex on dry gravelly soil of Texas gas pipe line 2 mi. up from South Branch 1 mi. below Seneca Rocks at 3600-3800 ft. 7/4/52
H.A.G.

20632 Juncus alt. at about 2000 ft. on pipe line for gas - from Texas - up North Mt. 2 mi. up from South Branch. ditto

20633 Paronychia - dry, gravelly soil 2-2 1/2 mi. up gas pipe line from South Branch 1 mi. below Seneca Rocks. ditto

20634 Houstonia tenuifolia 2 1/2 - 3 mi. up same pipe line dry, exposed gravelly soil near 3000 ft. ditto

20635 Plantago Dry, gravelly soil (exposed) 1 mi. up from South Branch, and 1 mi. below Seneca Rocks alt. 2 ditto

20636 Panicum Near # 20632 ditto

Circaea

- 2 20637 *Rubus* - in dry, gravelly soil
of gas pipe line over North Mt.
3000 ft - 3500 ft. alt

7/4/52

H. V. A.

- 2 20638 *Oxalis*.
2 3/4 mi. up gas line above -
from South Branch - in dry, gravelly
soil. Near 3600-3800 ft. alt.

ditto

- 2 20639 *Panicum*.
Near # 20638

ditto

- 2 20640 *Panicum*
Near # 20638

ditto

- 2 20641 *Houstonia*
Near 20629
Near 3500-3600 ft. alt.
in dry gravelly soil.

ditto

- 2 20642 *Paronychia*
Near # 20638 -
exposed, bare, gravelly soil
3600-3800 ft.

ditto

- 2 20643 *Senecio*
Near 20623
on shaley bank and hill
of roadside.

7/3/52

Pycnanthemum

white leaves etc.

Plant A.

- 2 20644 In dry soil. 1-2 mi. up pipe line
from South Branch - 1 mi. below
Sagea Rocks.

- 20645 yellow Composite

- 2 20646 Strawberry - fruit very sweet,
spicy. Plant 1 and 2
2 3/4 mi. up gas line over North Mt.
from South Branch, 1 mi. below Sevea
Rocks - Very vigorous trailer; fruit large
dry, gravelly soil, exposed.
20647 Infrequent.
Rubus - Plant erect. Plant 2.
gloriosa and primocane
Near # 20646

7/4/52
H. V. A.

ditto

- 2 20648 *Tilia*
4 mi. up slope of pipe (gas) line
in woods on shale slopes - full
flower now - frequent - alt 3800 ft. near.

ditto

- 2 20649 *Phlox*
under # 20648 on barren
shaley cliffs. Past fl.

ditto

- 2 20650 *Lycopodium*.
In wet soil under bridge
over Blackwater River at Davis.
at 3200 ft.

Carex.
wet soil, with # 20650 7/5/52
H.A.A.

2 20651

2 20652 Juncus
with # 20650

2 20653 Stellaria
under bridge at Davis,
over Blackwater River -
muddy bank.
with # 20650

2 20654 Carex
with # 20650 - wet soil

20655 Carex
with # 20650 - wet soil

20656 Polypodium ^{va. virginianum (L.) Link} vulgare L.
on old stump on bank under
bridge over Blackwater River at
Davis, W. Va. at 3200 ft.

20657 Galium.
under bridge with
20650
wet soil.

ditto

ditto

ditto

ditto

ditto

ditto

Thin plant forming green mats
on mud, under bridge over
20658 Blackwater at Davis, Tucker Co.,
W. Va. at 3200 feet.

7/5/52
H.A.A.

20659 Hieracium aurantiacum L.
on bank at bridge over
Blackwater River at Davis -
on Canyon Trail - fl. orange.

20660 Chrys. pseudocorus
with # 20650 - small
clump; ant. rhizomes pinkish.

20661 Pastinaca sativa
with # 20659 - at bridge.

20662 Carex
under bridge over
Blackwater River - at Davis, W. Va
on wet soil - at 3200 ft.

20663 Catalpa speciosa
from tree at Mrs. Rany's
Davis, W. Va.; full flower;
at 3250 feet.

20664 Thalictrum ♂ & ♀ plants
with # 20650 -
Steleaunum

ditto

ditto

ditto

ditto

ditto

ditto

Lactuca

var. *cosa* or *Romaine*

- 2 20665 *Allard's garden*, Arl. Va.
July 12, 1952. Planted March.
Full flower July 12. Fl. yellow.

- 2 20666 *Florence fennel* or
Finnochia - July 12, 1952
Allard's garden. Sprung in Feb.
transf. to garden April. Fl. yellow;
corrupt.

- 2 20667 *Garden* (red)
went to seed from seed sown
in spring - July 12 - Roots white.
var. =

- 2 20668 *Phacelia subglabrata*
In *Allard's garden* -
July 14, 1952. 3-3½ ft. tall -
fl. pale yellow with dark eye.

- 2 20669 *Franseria*
In *Allard's garden* -
fl. lilac. July 15, 1952
H.A.A.

- 2 20670 *Centaurea americana*²
Burpees
He calls it *Basket flower*. 7/21/52
fl. lavender, very attractive.
Allard's garden.

- 2 20671 *Spiraea*
fl. pink.
On grounds of Henry Clay school
7th & Barfield N. Arl. Va.
H.A.A.

Rudbeckia serotina Nutt
Up. *Spring's Branch* 2 mi. from
#211. In old pasture.

- 20672 abundant.
Red. Manassas shales
and S. Stones
{ 7/2 7/52
H.A.A.

- 20673 *Lactuca*
fl. yellow.
Near # 20672

ditto

- 20674 *Solidago caesia*
Near # 20672 -
Common - coming into full
bloom - same rocks.

ditto

- 20675 *Carya*.
Along stream near # 20672
Same formation

ditto

- 20676 *Cassia marilandica*
In old pasture with # 20672
Frequent. Same geol. formation

ditto

- 20677 In old pasture with # 20672
Frequent.
Same geol. formation.

ditto

- 20678 *Prunella vulgaris*
In old pasture - same geol.
formation near # 20672
Common.

ditto

Euphorbia corollata

In old pasture 2 mi. up Young's
Branch from #211
20679 Frequent. Red shales & s. stones.
7/27/52
H.A.A.

20680 *Cassia fasciculata*
In old pasture with #20672.
Frequent. Same geol. formation
ditto

20681 *Sutellaria*
with #20672
Frequent. Same geol. formation
past fl. ditto

20682 *Aster*
rays white
In thin, dry deciduous
woods, near #20672.
Frequent. Same geol. formation
ditto

20683 *Sericocarpus*
In same woods with #20682.
Frequent. Same geol. formation
ditto

20684 *Carpinus*
along Young's Branch 2 mi. up
from #211. Common along stream.
Same geol. formation.
ditto

20685 *Galium*
In moist blood plain soil
of woods 2 mi. up from #211 along
Young's Br. Common.
Recent soil
ditto

Asplenium platyneuron 7/27/52
on wet shale cliffs
near #20684.
H.A.A.

20686 Frequent.
Same geol. formation.
20686a

20687 *Dryopteris marginalis* (gray)
on wet shale cliffs
with #20686
Common.
ditto

20688 *Echin. vulgare*
In pasture 1 mi. up Young's Br.
from #211. Same formation in
red shales and s.s.
Common weed.
ditto

20689 *Plantago*
In pasture with #20688
Red shales and s.s.
Common.
ditto

20690 *Solanum carolinense*
fl. bluish purple.
Common
In pasture near #20688
ditto

20691 *Solanum carolinense*
fl. pure white.
with #20690.
ditto

20692 *Juncus repens* Beauv.
In mud in Young's Br.
near #211.
Red shales and s.s.
ditto

Polygonum
fl. white.

- 20693 In wet soil along Young's Br.
1/2 mi. up from #211 7/27/52
Red shales and S.S. H.A.G.
Frequent.

- 20694 *Polygonum*
Not in fl.
Near #20693 - wet soil.
Recent - but on red shales
and S.S.

- 20695 *Alisma*
In mud and water of
Young's Br. near #211 ditto
Recent - frequent.

- 20696 In pasture *Lactuca*
near #22, along Young's Br. ditto
fl. yellow.
Red shales and S.S.
Common

- 20697 *Ciborium intybus*
fl. white. ditto
Near #20696.
Common.

- 20698 *Scirpus*
In wet soil (Recent) of ditto
Young's Branch, above #211.

- 20699 *Menziesia*
Large colonies. ditto
In wet soil (Recent)
of Young's Br. near #211
Not in fl.

- water plant -
attached in mud. Large colonies
in Young's Br. just above 7/27/52
20700 #211 H.A.G.
fl. tiny, white -
floating on water.

- 20701 *Gnaphalium*
fl. purple. ditto
In pasture 1/2 mi. up Young's Br.
from #211. mostly past fl.
Red shales and S.S. damp soil.

- 20702 *Justicia* ditto
In water of Young's Br.
near #211
Mostly past. fl. Common.

- 20703 *Mentha* ditto
fl. white
In wet, recent soil of
Young's Br. near #211
Large colonies.

- 20704 *Asclepias* ditto
In moist, recent soil of
Young's Br. at #211
frequent.

- 20705 *Oxalis* ditto
In moist, recent soil
near #20704

- 20706 In dry open ditto
woods 2 mi. up Young's Br.
from #211
Red shales and S.S.

Grass - in large clump
on recent soil along Broad Run
near # 211 7/27/52
H.A.A.

20708 *apocynum*
along R.R. near
Haymarket.
Red shales and S.S.

20709 *Scirpus*
In dry soil along R.R.
at Haymarket, Va.
same formation

20710 *Urticaceae*
In swampy woods
at Haymarket R.R. station
along branch of Broad Run.
Recent.

20711 *Trifolium*
along R.R. at Haymarket
Station near # 20709
Red shales and S.S.

20712 *Mentha* *sp. purpurea*
In ground soil along
branch of Broad Run at railroad
station at Haymarket. (same formation)

20713 *Asclepias*
In same soil with
20712. abundant.
Recent

Lupinus
In dry, cindery soil along
R.R. near Haymarket Station
7/27/52
H.A.A.

20715 *Rumex*
Roadside near R.R. Sta.
at Haymarket, Va.
Red shales and S.S. ditto

20716 *Nepeta cataria*
Roadside near # 20715
same geol. formation ditto

20717 *Salix*
In flood plain, recent soil
along branch of Broad Run.
near # 20716 ditto

20718 *Cephalanthus occidentalis*
In flood plain, damp soil
near # 20716. Recent. ditto

20719 In wet soil -
flood plain - recent.
near # 20716
fl. bluish. ditto

20720 *Geranium*
In dry soil, along R.R.
at Station, Haymarket.
fl. purplish or pinkish. ditto

Sabbatia

- 20721 In moist soil, recent,
along branch of Broad Run
at R.R. Station at Haymarket.
Recent.
7/27/52
H.A.A.

- 20722 *Morus*
along branch of Broad Run
near # 20717. ditto

- 20723 *Potamogeton*
in water, west end of branch of
Broad Run at R.R. Station at
Haymarket, Va. ditto

- 20724 *Potamogeton*
with # 20723 ditto

- 20725 *Lycopus*
In moist soil, recent (flood plain)
of branch of Broad Run
at Haymarket, Va. ditto

- 20726 *Verbena urticifolia*
In moist soil with #
20725 Recent. ditto

- 20727 *Sparganium angustifolium*
In old field 1 mi. up Young's
Branch from # 211
frequent.
Red shales and S.S. ditto

Smilax

- 20728 In dry wooded slope
red shales and S.S. 1 mi. N.E.
of Young's Br. from
211. 7/27/52
H.A.A.

- 20729 *Hypericum*
Moist flood plain soil
(recent) on Young's Branch
near # 211 ditto

- 20730 *Carex*
In damp soil in pasture
along Young's Branch
near # 211. Red shales and S.S. ditto

- 20731 *Scirpus*
with # 20730 ditto

- 20732 In wet soil of Young's
Branch near # 211
Recent. ditto

- 20733 *Hypericum*
In damp soil near
20732 Recent. ditto

- 20734 *Gratiola*
In old field 2 mi. up
Young's Branch from # 211
common. Red shales and S.S. ditto

Polygonum
1 1/2 mi. n. Young's Branch
from # 211
20735 Red shales and S.S.
Frequent
7/27/52
H.A.A.

20736 *Rhus copallina*
with # 20735
Very common
Same geol. formation

20737 *Lonicera japonica*
Roadside at R.R. station
at Haymarket, Va.
on red shales and S.S.
Very common

20738 *Vitis*
In woods 1 1/2 mi. n. Young's Br.
from # 211.
Red shales and S.S.
Frequent.

20739 *Asclepias syriaca*
along branch of Broad Run
near R.R. station at
Haymarket, Va.
Very common

20740 *Cornus*
By railroad at station
at Haymarket, Va.
Red shales and S.S.

20741 *Nymphaeaceae*
No flowers.
In mud of branch of Broad Run
near R.R. station at Haymarket, Va.
Infrequent in the area.

Umbelliferae
In swampy woods near
20742 # 20741. Recent soil
Frequent.

20743 *Lobelia cardinalis*
In wet soil along same
branch of Broad Run near
R.R. station at Haymarket.
Locally frequent.

20744 *Sparganium*
In mud and water
near # 20743.
Recent.

20745 water plant -
Podostemaceae.
In water of branch of Broad Run
near # 20741

20746 *Muhlenbergia scandens*
In low ground thick along
branch of Broad Run, near
20743, frequent in similar
situations in area. Recent

20747 *Quercus velutina*
1 mi. n. Young's Branch from
211. Red shales & S.S.
Frequent in area.

20748 *Saxicula*
In swamp woods
with # 20742. Recent
Common.

7/27/52
H.A.A.

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

ditto

Micranthemum dubia

On Va. side of Potomac River
20749 at Conrad's Ferry off route #15
beyond Leesburg. In mud and
wet soil at river's edge. Conglomerate
Frequent. (Aug. 3, '52)
H.A. Allard
Loudoun Co.

20750 *Equisetum arvense* L. ditto
with #20749

20751 *Mollega verticillata*
with #20749 ditto
common.
In wet soil.

20752 *Lindernia dubia*
Near #20749 ditto

20753 *Echinochloa*
In wet, moist soil at
big spring on route #15 beyond
Leesburg. Conglomerate ditto

20754 Grass.
just above #20749 ditto
on Potomac on moist bank
forming mats.

20755 *Lemna minor*
a single root. Very abundant
in big spring on route #15 just
above Leesburg. Floating. ditto

On bank of Potomac, Virginia side
near Conrad's Ferry off #15, from
Leesburg, Loudoun Co. Va 8/3/52
H.A.A.

20756 frequent
Conglomerate
apocynum cannabinum

20757 *Chenopodium ambrosioides*
strong turpentine odor; not in fl.
Near #20756. 8/3/52
Conglomerate

20758 *Galinsoga ciliata*
Near #20756 ditto
Frequent.

20759 *Rorippa*
fl. yellow. ditto
on river bank near Conrad's
Ferry near #20756 frequent.

20760 *Lippia lanceolata*
fl. whitish to pinkish ditto
frequent
In moist soil of bank near
#20756.

20761 *Celtis*
1/2 mile above Conrad's Ferry ditto
on Va side.

20762 *Staphylea trifolia*
on edge of thicket of field ditto
just above Conrad's ferry.
Conglomerate
frequent.

Celtis
near Conrad's ferry along Va
side of Potomac River along
20763 old field. 8/3/52
conglomerate ledges
outcropping. H.A.9

20764 *Impatiens biflora*
Corolla orange with some
spattering within
on bank of Potomac River just
above Conrad's ferry off #15 ditto

20765 *Echinosyris lobata*
High climbing over thicket
near #20764. Occasional
monoecious. ditto

20766 *Eupatorium*
fistulosum. Fl. pale lilac;
stem hollow, very glaucous.
Common. with #20765 ditto

20767 *Cryptotalia canadensis*
In rich woods 1 mi north of
Conrad's ferry on high ground along Potomac.
Frequent. Conglomerate. ditto

20768 *Convolvulus sepium*
Fl. white.
High climbing over thickets
near #20766. Common. ditto

20769 *Laportea canadensis*.
In thicket 1 mile above Conrad's
ferry on Va. side of Potomac River.
Common; very prickly and
irritant when touched. ditto

Scutellaria lateriflora. 8/3/52
along Va bank of Potomac River H.A.9
1 mi above Conrad's ferry.
20770 off route #15. Conglomerate
Frequent. Fl. blue.

20771 *Asclepias rubra*
In damp soil in thicket
on bank near #20770 ditto
Frequent.

20772 *Euphorbia repens*.
In moist soil, bank of Va. side of Potomac above
Conrad's ferry. Common ditto

20773 *Anaphalis thymoides*
On bank just above
Conrad's ferry, Va. side of Potomac.
Frequent. Conglomerate. ditto

20774 *Humulus japonicus*
Climbing over thickets near
#20770. ditto

20775 *Brassicaceae*
Fl. yellow.
At Conrad's ferry, Va. side Potomac
off route 15 from Leesburg.
Conglomerate. ditto

20776 *Ambrosia trifida*.
1 mi above Conrad's ferry on
Va side of Potomac; common; just
in flower. Conglomerate ditto

Urtica

8-3/52
H.A.A.

20777 1 mi. up Va. side of Potomac river
in thicket from Conrad's ferry,
off route #15 from Leesburg, Va.
Conglomerate
Common

20778 Mertensia peruviana canadensis
with # 20777

20779 Hydrocotyle americana
Near Conrad's ferry, Va. side
Pot. river, off route #15 from Leesburg
Conglomerate.
Frequent.

20780 Physalis subglabrata fl. with yellowish center
1/2 mi. up Potomac river from
Conrad's ferry off route #15 from Leesburg,
Va. Common. Conglomerate

20781 Apocynum cannabinum
Near Conrad's ferry on Va. side
of Potomac river off #15 from Leesburg, Va.
Conglomerate -
Common.

20782 Labiatae - Tenoreum canadense L.
fl. lilac. var. virgaticum (L.) East.
on bank Potomac river, 1 mi.
above Conrad's river, Va. side, off #15
from Leesburg. Occasional
Conglomerate.

20783 Salix (tree)
Near # 20777. Salix nigra
Frequent.
Leaves falcate.

Ampelamus albidus

20784 High trailing vine everywhere
around Conrad's ferry, Va. side
Potomac river, off #15 from
Leesburg, Va.
Conglomerate
abundant here; fl. white

20785 Acer negundo
above Conrad's ferry, Va. side
of Potomac river, off route #15 from
Leesburg. Frequent.

20786 Articaceae
Near # 20785 - in thicket
Frequent - along bank Potomac.
Conglomerate

20787 Broussonetia
Near # 20785 -
Frequent.

20788 Ruellia strepera
Near 20781 in moist soil
Frequent - Numerous distichomeres
(whitish) in upper leaf axils.

20789 Perilla frutescens
with # 20781
Common.

20790 Eupatorium fistulosum
Plant 13 - sections top-middle
and low. fl. pale pinkish-lavender
Frequent -
Near # 20777. Conglomerate.

Hibiscus militaris -
Near Conrad's ferry off
Route 15 from Leesburg, 8/3/52
20791 on Va side Potomac river
Conglomerate; sloping, Hag
Flowers pink with dark center
Frequent

20792 *Phytolacca americana*
Near # 20791
Common

20793 *Vitis vulpina*
above Conrad's ferry
1/2 mile, Va. shore of Potomac
Conglomerate.

20794 *Eupatorium* - Plant A.
Near # 20792
In thicket on bank of Potomac

20795 *Sedum ternatum*
on conglomerate ledges near
Conrad's ferry -
Conglomerate; frequent

20796 wet soil by quarry pool
Buzzard Mt. 8/19/52
Diabase -

20797 *Hypericum perforatum*
Trail to Buzzard from R.R. ditto
Common. Diabase

asparagus officinalis { 8/19/52
on trail to Buzzard Mt. Diabase
20798 Escape - frequent.

20799 *Sporoxea purpurea*
on trail to Buzzard, in
old field. Common. ditto

20800 *Asclepias verticillata*
on trail to Buzzard -
thicket - Diabase ditto
Frequent.

20801 *Panicum crus-galli*
on trail to Buzzard
in clump of spotted wood wool
Common Diabase. ditto

20802 *Rhus copallina*
in thicket on trail to Buzzard
Common Diabase ditto

20803 *Verbascum blattaria*
fl. yellow -
on trail to Buzzard - old
field. frequent Diabase ditto

20804 *Vernonia noveboracensis*
at quarry pool on slope
Buzzard Mt. Common
diabase. ditto

Vitis
at quarry pool on slope
20805 Buzzard Mt -
common.

8/19/52
H.A.A.
Diabase
= 8/19/52

20806 Euphorbia
In dry rocky woods on
slope Buzzard Mt.
Diabase
Frequent

ditto

20807 Alisma
In wet soil on trail to
pool on Buzzard Mt.
Frequent
Diabase.

ditto

20808 Eclipta alba
at pool, slope of Buzzard Mt.
Fls white. Diabase
Frequent.

ditto

20809 Spiranthes tuberosa
at quarry pool in old wood road
Diabase
Frequent.

ditto

20810 Lobelia cardinalis
In wet soil at foot of Buzzard Mt.
Frequent.
Diabase

ditto

20811 Euphorbia
In open woods - top of
Buzzard Mt.
Diabase
Frequent.

ditto

Quercus muhlenbergii
20812 Top of Buzzard Mt.
Occasional.

8/19/52
H.A.A.
Diabase

20813 Viola -
on second peak in rocky
woods - of Buzzard Mt.
Diabase.
Occasional.

diabase

20814 Desmodium nudiflorum
Frequent -
Near # 20813 - on the
second peak of Buzzard

ditto

20815 Chimaphila maculata
Common -
on slope of Twin or second
peak of Buzzard Mt.
Common.

ditto

20816 Viburnum acerifolium
Near # 20815
Frequent.

ditto

20817 Carya
Top of Buzzard Mt.,
first peak.
Frequent.

ditto

20818 Botrychium virginicum
on slope of second peak
of Buzzard.
Frequent

ditto

Gerardia virginica
In woods on second peak
of Buzzard Mt. - Diabase
20819 Frequent 8/19/52
H.A.A.

Quercus rubra
20820 Top of Buzzard Mt. ditto
Common
Diabase.

Eupatorium perfoliatum
20821 at Quarry pool on slope of Buzzard Mt. ditto
Common.

Asplenium hypnoides
20822 on slope Buzzard Mt. ditto
at Quarry pool
Frequent Diabase

Ludwigia
20823 In damp soil on trail to Buzzard. Frequent.
Diabase. ditto

Trichostema dichotomum
20824 In thicket on trail ditto
near 20823. An old colored
man - a native here says the old time country folks
put leaves in their beds and rubbed them on the sheets
to stop fleas from biting - he may have had in mind bed-
bugs but was reluctant to say so also.

Asplenium platyneuron (L.) Oakes
20825 Top of Buzzard. Common
Diabase ditto

Paronychia canadensis
Top of Buzzard in dry, rocky
soil. Frequent.
20826 Diabase. 8-18-52
diabase
H.A.A.
-8/19/52

Eupatorium sessilifolium
20827 Top of Buzzard ditto
Frequent
Diabase

Clitoria mariana
20828 Dry soil - top of Buzzard Mt. ditto
Frequent
Diabase

Salix
20829 at Quarry Pool on slope of Buzzard Mt. ditto
Diabase

Cyperus
20830 In dry, thin soil on ledge top of Buzzard Mt. ditto
Diabase
Superfrequent

Polygonaceae
20831 In yard of Norman Springer
Arlington, Va. ditto
Low, viney, prostrate.

Setaria
20832 On trail to Buzzard - old
R.R. grade. Diabase ditto
Common.

20833 *Digitaria*
on old R.R. grade to
Buggard Mt.
Common
Diabase.

8/19/52
H.A.A.

20834 *Aristida*
Near * 20833
Common - dry soil
Diabase

ditto

20835 *Aurea*
On *Taurus carota*
and *Lespedeza*
Near * 20833
Common, Diabase

ditto

20836 *Triodia flava*
Dry soil near * 20833
Common, Diabase

ditto

20837 *Quercus phellos*
Near foot of Buggard Mt.,
Damp soil
Diabase. Frequent

ditto

20838 *Strophostyles helvola*
In old field at foot Buggard,
Frequent
Diabase.

ditto

20839 *Selaginella apoda*
In damp soil on trail to
Buggard Mt. Diabase

ditto

Occasional - S. apoda (L.) Spring

20840 *Hibiscus trionum*
In old field near Buggard
Mt. - foot, not far from
So. R.R. Infrequent.
Fl. yellow with black
center on eye Diabase

8/19/52
H.A.A.

20841 *Fimbristylis castanea*
In damp soil on old R.R. grade
to Buggard Mt. Frequent
achenes striate and reticulate,
Diabase

ditto

20842 *Solidago*
Low ground, on slope of
Buggard Mt. Diabase
Frequent.

ditto

20843 *Lespedeza*
Dry soil foot Buggard Mt.
Diabase
Frequent

ditto

20844 *Prunella vulgaris*
On trail to Buggard Mt.
Diabase
Common

ditto

20845 *Acalypha gracilens*
Diabase
On trail to Buggard Mt.
Frequent.

ditto

20846 *Lisium striatum*
On trail to Buggard Mt.,
near Quarry pool.
Diabase
Frequent.

ditto

Grass on ~~top~~ slope
of second peak of Buzzard Mt.
20847 Frequent, { 8/19/52 } 20-
Diabase.

20848 Grass near * 20847 ditto
Diabase

20849 *Tephrosia virginiana* ditto
on slope of Buzzard Mt,
dry, rocky soil. Frequent. Diabase

20850 Grass. In damp soil
in sag between the twins
Buzzard Mt. Diabase 8/19/52

20851 *Rhus typhoides*
Low, bushy, not climbing
Diabase 8/17/52
on slope Buzzard Mt - first peak. Common.

20852 *Cypripedium* *petiolata* ditto
near Quarry pool. Diabase
on Buzzard Mt.
Common in old fields etc.

20853 *Eupatorium rugosum* *perfoliatum* ditto
On old railroad grade
to Buzzard Mt. Frequent -
Diabase

Plantago rugelii -
On old railroad grade to
Buzzard Mt. { 9/19/52 }
20854 Diabase common H.A.C.

20855 *Polygonum tenue* ditto
in dry soil of
R.R. grade to Buzzard Mt.
Diabase - occasional

20856 *Sabatia angularis* ditto
In damp soil by brook
on R.R. grade to Buzzard Mt. Frequent. Diabase.
Delicate, fragrant, very showy
pink fl.

20857 *Minulus ringens* ditto
with * 20856 Frequent - Diabase

20858 *Hypericum* ditto
In damp soil with * 20856 Frequent.
Diabase

20859 *Lepedeza* ditto
on R.R. grade to Buzzard Mt. 8/17/52 Diabase
Common - in dry soil
Leaves narrowly oblong.

20860 *Callitriche* sh. ditto
In mud and water in
shallow pool on slope of Buzzard Mt. 8/19/52
Frequent.

Creeping on mud in shallow pool
on slope of Buzzard Mt. (8/19/52)
Diabase
Frequent.
20861

20862 *Scirpus*
In wet soil near * 20861
Frequent
Diabase ditto

20863 On dry soil on old R.R. grade
to Buzzard Mt.
Diabase ditto
Lespedeza stipulacea Common

20864 *Diodia teres*, typical
Near * 20863
Common ditto
Diabase

20865 Grass
Near * 20863
Diabase ditto
Frequent

20866 *Cassia fasciculata*
Near * 20863
Common ditto
Diabase

20867 *Panicum anceps*
In damp soil with or near
* 20862 Frequent ditto

Desmodium sp.
Not in fl.
In dry rocky soil on top
of Buzzard Mt. (8/19/52)
Occasional
Diabase

20868 Grass on rocky shelf in
thin soil near * 20868
Frequent ditto
Diabase

20870 Grass
Shorobolus -
Dry, thin soil on top of
Buzzard, Diabase ditto
Frequent

20871 *Hieracium*
In dry soil near * 20868 ditto
Frequent
Diabase

20872 *Desmodium rotundifolium*
In dry, rocky soil
with * 20868 Diabase ditto
Frequent

20873 *Desmodium*
Near * 20868 ditto
Frequent
Diabase
glaucous.

20874 *Bidens bipinnata*
Dry, thin soil top
of Buzzard. Diabase ditto
Frequent
Near * 20868

Paricum
on top of second peak of
Buzzyard Mt. { 8/19/52
20875 Frequent
Diabase

20876 *Asclepias verticillata*
Top of Buzzyard Mt
Diabase
Frequent. ditto

20877 *Sanicula*
In sag between the twins,
Buzzyard Mt. Diabase
Frequent ditto

20878 *Lycopus*
Near # 20877
Frequent
Diabase ditto

20879 *Solidago*
Top of Buzzyard Mt.
Diabase
Occasional. ditto

20880 *Fern Woodsia obtusa* ~~Fern~~
Top of twin or second peak
Top of Buzzyard Mt. ditto
Frequent
Diabase

20881 *Solidago*
Diabase
Frequent
with # 20876 ditto

Solidago
Dry soil top Buzzyard Mt.
Diabase 8/19/52
20882 Occasional H, a

20883 *Lobelia*
In sag near # 20887
Diabase ditto

20884 *Portulacca oleracea*
On rocks in thin soil
near # 20882. Frequent as
a garden weed. ditto

20885 *Talinum teretifolium*
On rocks in thin dry soil at
Quarry pool, slope of Buzzyard Mt.
Rare. Diabase ditto

20886 *Commelina erecta* On rocks
var. *angustifolia* in thin soil ditto
found albina. Terr. top of Buzzyard
all petals pure white. Frequent
Diabase.

20887 *Smilax glauca*
var. *leucophylla* Slope. Diabase ditto
Leaves very glaucous beneath.
In sag between the twins - Buzzyard Mt.
Frequent.

20888 *Commelina erecta*
all petals all blue.
var. *angustifolia* Frequent. Diabase. ditto
Near # 20886

Commelina communis
all petals blue
In old field on trail
20889 to Buzzard Mt.
Diabase
Frequent.
8/19/52
H.A.

20890 *Hepaletris spicata*
In dry rocky soil on west and
east slopes of Buzzard Mt.
Lip crested blue purple striped
Infrequent. Mostly now lost
Diabase
ditto

20891 *Tandant* 1950 on Cedar Mt. but infrequent.
grass - strongly tufted - in
yard of Henry Clay School, 7th &
Danfield, Arlington, Va.
8/24/52
H.A. all lost

20892 *Polygonum*
around big spring on route 15
beyond Leesburg. Common
Conglomerate
aug. 26, 52
H.A.

20893 *Cuphea petiolata*
at bridge over Goose Creek.
Leesburg over Goose Creek
Frequent. Diabase
8/26/52
H.A.

20894 *Eleusine indica*
with # 20893
Common
Conglomerate
ditto

20895 *Polygonum*
with # 20892
Frequent
Conglomerate
ditto

Grass - at quarry near
bridge over Goose Creek -
near # 20893
20896 Diabase
8/26/52
H.A.

20897 *Lepedeza*
at quarry with # 20896
Common
Conglomerate
Diabase
ditto

20898 *Lepedeza*
with # 20896
Common
Conglomerate
ditto

20899 *Paricum crus-galli*
at bridge over Goose Creek
with # 20893
Common
Conglomerate
Diabase
ditto

20900 *Sanguinaria*
at bridge with # 20893
Common
ditto

20901 *Eupatorium*
in dry soil at quarry
near # 20897
Common
Conglomerate Diabase
ditto

20902 *Lemna minor*
at big spring with # 20892
Very abundant on surface here
ditto

Physalis
at bridge over Goose Creek
on route 7 to Leesburg. { 8/26/52
H. a
20903 Frequent.
Diabase

20904 Moss
on rocks in big spring
near # 20892
conglomerate

20905 Rumex
near # 20892
conglomerate
Frequent

20906 Medicago.
at big spring near # 20892
Frequent on escape
conglomerate

20907 Scutellaria fl. blue
at big spring near # 20892
Local. Conglomerate.

20908 Linaria vulgaris
at big spring near # 20892
Common
conglomerate

20909 Galeopsis
at big spring near # 20892
conglomerate
Common

ditto

ditto

ditto

ditto

ditto

ditto

Hydrocotyle
around big spring near { 8/26/52
H. a
20892
conglomerate
Very common

20910 Plantago lanceolata
near # 20892
Very common
conglomerate

20912 Oxalis
at big spring near # 20892
Very common
conglomerate

20913 Plantago rugellii
in field near # 20892
Common.

20914 Rumex vulgaris
near # 20892
Very common
Limestone conglomerate

20915 Rumex
near big spring near # 20892
Frequent.
Limestone conglomerate

20916 Triodia flava
in field near # 20892
Common
Now adds purple tinge to
fields.

ditto

ditto

ditto

ditto

ditto

ditto

Composite
in field at big spring on route { 8/26/52
15 from Leesburg. H.A.G.

20917

Common
Conglomerate

20918

Celtis
Near big spring near
* 20892
Frequent.

ditto

20919

Spiranthes
in field near * 20892
Frequent
Conglomerate

ditto

20920

Bidens
at big spring near * 20892
Frequent.
Conglomerate

ditto

20921

Rudbeckia hirta
1 mi. down Goose Creek from
Route 7, left bank going down
Frequent Recent

ditto

20922

1 mi. down Goose Creek
near * 20921
Common in moist woods
Recent

ditto

20923

Helianthus divaricatus
2 mi down Goose Creek from
route 7. Recent.
Frequent.

ditto

Sanicula

1 mi. down Goose
Creek from route 7.

{ 8/26/52
H.A.G.

20924

Common.
Recent.

20925

Helianthus
1 mi. down Goose Creek
near * 20924

ditto

20926

Recent
Frequent
Grass
at Quarry at bridge
on Goose Creek at * 7
Diabase.
Dry soil.

ditto

20927

Salicago
at quarry near * 20926
Diabase
Frequent.

ditto

20928

Pycnanthemum
at bridge over Goose Creek
on route 7.
Frequent
Diabase.

ditto

20929

Asclepias
at quarry near 20926
Diabase
Frequent.

ditto

20930

Geum
1 mi. down Goose Creek,
near 20924. bl. yellow.
Frequent
Recent.

ditto

20931 *Bidens*
at quarry at bridge at
route 7 over Goose Creek (8/26/52
H.A.G.)
Diabase
Frequent.

20932 *Achillea*
in dry soil with # 20931 ditto
Frequent
Diabase

20933 *Setaria*
at big spring on route 15 ditto
from Leeburg
Conglomerate
Occasional

20934 *Silene* fl. white
at big spring near # 20933 ditto
Frequent
Limestone Conglomerate.

20935 Grass
at big spring near # 20933 ditto

20936 Grass
near # 20933 ditto
Frequent
Conglomerate

20937 *Polygonum*
near # 20933 ditto
Frequent
Conglomerate

20938 *Galinsoga*
at bridge over Goose
Creek on route 7 (8/26/52
H.A.G.)
Common
Diabase.

20939 *Setaria*
Near # 20933 ditto
Common

20940 *Leanthus*
false pennyroyal
at big spring near ditto
20933
Frequent

20941 *Eupatorium*
Plant A - two sections ditto
1 mi. down Goose Creek
from bridge route 7
Recent
Frequent

20942 *Sanicula*
1 mi. down Goose Creek ditto
from route 7.
Frequent in moist
woods Recent.

20943 *Monarda purpurea*
1 mi. down Goose Creek ditto
from bridge and route 7
Common
Recent

20944 *Hypericum*
Near # 20943 ditto
Frequent
Recent.

Ambrosia trifida
2 mi. down Goose Creek
from bridge and route 7 } 8/26/52
Haa
20945 Common
Recent.

20946 *Helianthus*
2 mi. down Goose Creek ditto
near # 20945
Frequent

20947 *Chenopodium ambrosioides* ↓
var. ditto
1 mi. down Goose Creek
from bridge and route 7
Recent
Frequent

20948 *Sanicula*
fl. white ditto
1 mi. down Goose Creek
from route 7.
Recent
Frequent.

20949 *Elymus* ditto
2 mi. down Goose Creek
from #7 and bridge
Recent
Frequent.

20950 *Lactuca* ditto
2 mi. down Goose Creek
near # 20949
Recent.
Common

20951 *Elephantopus* ditto
1 mi. down Goose Creek
near # 20948.
Frequent all along the
flood plain of creek. Recent

Eupatorium Goose Creek 8/26/52
2 mi. down Haa
near 20949
20952 Frequent.
Recent.

20953 *Solidago* ditto
stem very glaucous.
on rocky outcrop -
diabase near # 20952

20954 *Lactuca* ditto
fl. blue
near # 20952
Recent.
Frequent

20955 *Sida spinosa* ditto
1 mi. down Goose Creek
near 20948 fl. yellow
Common
Recent.

20956 *Helianthus* ditto
1 mi. down Goose Creek
near # 20948
Frequent
Recent soil

20957 *Helium* ditto
at Quarry at
bridge of route 7 over
Goose Creek. Frequent
Diabase.

20958 Grass ditto
at Quarry with # 20957
Diabase.

at bridge over Goose Creek
on route #7

20959

Diabase
Frequent

8/26/52

H.A.G.

Polygonum
fl. pink.

20966

Near 20964
Frequent
Recent.

8/26/52
H.A.G.

20960 aster
fl. blue
1 mile down Goose Creek
from bridge of route 7
Recent.
Frequent

ditto

20961 Polygonum
fl. white
Down Goose Creek near
20960 frequent
Recent

ditto

20962 Berberis
Near # 20960 along
bank - frequent
Recent

ditto

20963 Hydrocotyle
In low woods 1 mi
down Goose Creek, near
20960 everywhere growing
Recent.

ditto

20964 Urticaceae -
1 mile down Goose
Creek - everywhere along
banks. Recent
(stinging hairs)

ditto

20965 Salix
Along Goose Creek
1 mi. down from
bridge and route 7
Frequent
Recent.

ditto

20967 Eupatorium coelestinum
fl. purplish.
On Goose Creek
near bridge of route 7.
Frequent - Recent.

ditto

20968 Urticaceae
at quarry near bridge
over Goose Creek and #7
Frequent
Diabase.

ditto

20969 Helianthus
On Goose Creek near bridge
and route 7
Frequent
Recent.

ditto

20970 Lycopodium
On Goose Creek near
bridge and route 7.
Frequent
Diabase.

ditto

20971 Solidago -
large clumps at quarry
near bridge and route 7
over Goose Creek) Diabase
Frequent

ditto

20972 Cassia nictitans
with # 20971
Frequent -
sandy soil Diabase

ditto

Achillea millefolium 8/26/52
at bridge over Goose Creek
of route 7
20973 Common
Diabase,

20974 Grass 8/26/52
1 mile down Goose Creek #A, 9,
from bridge and route 7-
left bank going down
Recent.
frequent

20975 *Galinsoga*
at bridge over Goose Creek
on route #7
Common
Diabase ditto

20976 *Setaria*
at Quarry near bridge
over Goose Creek and route
#7 Common
Diabase ditto

20977 *Daucus carota*
fl. white
near # 20976
Common
Diabase ditto

20978 *Erigeron canadensis*
at quarry with 20976
Common weed everywhere
Diabase ditto

20979 *Solidago*
at quarry near # 20978 ditto
Diabase
Frequent.

Solanum nigrum
Near bridge over Goose Creek 8/26/52
and route #7 11, a, 9
Common
Recent
20980

20981 *Cirsium*
at quarry in dry soil
with # 20979.
frequent ditto

20982 *Polygonum*
fl. pink
near # 20973
Frequent
Diabase ditto

20983 *Oenothera biennis*
at quarry near # 20981
Diabase
Common ditto

20984 *Bidens*
at quarry with # 20981
frequent
diabase ditto

20985 *Vernonia*
1 mi. down Goose Creek
in stream bank thicket
Recent.
Frequent ditto

20986 *Polygonum*
fl. pale pink.
at quarry near # 20982
Frequent
Diabase. ditto

Commelina
at quarry at bridge over Goose
Creek of route 7 8/26/52
20987 *Commelina*
fl. blue
Diabase.

20988 *Phytolacca americana*
Near big spring on route 15 8/26/52
from Leesburg. H.A.G.
Very common
Conglomerate

20989 *Catalpa*
In pasture
near big spring - above ditto
Occasional
Conglomerate

20990 *Arctium*
at big spring near #20988 ditto
Common in waste ground
around old house sites
Conglomerate

20991 at big spring in wet
soil near #20990 ditto
Conglomerate
Frequent

20992 *Nasturtium officinale*
(water cress) ditto
In spring above on route 15
Occasional
fl. white. Conglomerate

20993 *Nepeta cataria*
around big spring above ditto
Frequent
Conglomerate

Solanum nigrum 8/26/52
fl. white
at big spring near H.A.G.
20994 #20993
Frequent
Conglomerate

20995 *Lycopodium americanum* (9/7/52)
dry deciduous wood 1/2 mile above Goose Creek
(west). Diabase. H.A.G.

Common in low ground.
20996 *Cunila origanoides* (L.) Britt.
dry decid. woods
near #20995
Diabase.

20997 *Viola*
In moist spot near ditto
#20996. in decid. woods

20998 *Lespedeza*
In woods with #20995 ditto
Common
Diabase

20999 *Solidago nemoralis* ditto
In open dry decid.
woods near #20995.
Common
Diabase.

21000 *Solidago graminifolia* ditto
var. *nuttallii*.
with #20995 in damp
soil. Common. Diabase

Empatorium coelestinum

21001 In dry deciduous
woods in moist
spot just above
Roose Creek near
#7 highway
frequent. } 9/7/52
Diabase
H.A.A.

21002 In damp spot
near # 21001
Common
Cyperus ditto

21003 Quercus imbricaria
In open woods near
21001 frequent along
Roose Creek and near it. ditto

21004 Polygonum tenue
In dry woods near 21001
frequent ditto

21005 Polygala verticillata
In dry field edge of wood
near #7 just above Roose Creek
occasional ditto

21006 Quercus stellata
Near # 21001
frequent ditto

21007 Lofelia siphilitica
In meadow along brook
near #7 - above Roose Creek
frequent
Fl. blue ditto

Empatorium coelestinum

21008 In damp soil with
21007 Very
abundant, colorful } 9/7/52
Diabase
H.A.A.
frequent.

21009 agrimonia
with # 21008
frequent
Diabase ditto

21010 Empatorium perfoliatum
with # 21008
Common. ditto

21011 Quercus alta
near # 21006
Common ditto

21012 Euphorbia
In field just west of
Roose Creek near #7
frequent
forming mats. ditto

21013 Vernonia noveboracensis
9/7/52
In swale near #7 -
with # 21008
Common. ditto

21014 Fraxinus
Near # 21008
frequent. ditto

Sida spinosa
in swale along brook
near # 7 and just west of
21015 Goose Creek
Frequent { 9/7/52
Diabase
H.A.G.

21016 *Lobelia siphilitica*
forma albiflora Britt
Infrequent bl. white.
with # 21015 ditto

21017 *Eupatorium altissimum*
On dry bank near # 7
just west of Goose Creek
Frequent ditto

21018 *Desmodium*
Near # 21017
Frequent ditto

21019 *Paricum*
In damp soil near
7 just west of Goose Creek
Frequent ditto

21020 *Dipsacus sylvestris*
along # 7 just west of
Goose Creek. frequent
nearly past bl. fl. in July
and Aug. ditto

21021 *Sorghastrum nutans*
Near # 21020 - on dry
bank. Common. ditto

Platanus occidentalis
along brook near { 9/7/52
Diabase
H.A.G.
21022 # 21015
Common

21023 *Sicaya angulatus* ditto
along Goose Creek at
bridge of # 7 highway
frequent; high climbing
abundant in my garden; twigs
painful, easily detached

21024 *Paronychia*
on rocks thin soil at quarry ditto
near # 21023
frequent

21025 *Anarastus*
Near # 21024
Common ditto

21026 *Oxalis*
Near # 21024
Common ditto

21027 *Strophostyles umbellata* ditto
In dry soil in open pine
wood near # 7 just west of
Goose Creek. frequent
winding climber

21028 *Digitaria*
Near # 21024
Common ditto

Aster pilosus
var. *demotus*
at quarry at Goose
Creek at bridge of
#7 frequent
9/7/52
Diabase
H.A.A.

2/ 21030 *Polygonum*
in thin soil on rocks
of quarry near # 21029
frequent ditto

2 21031 *Chenopodium*
at quarry near # 21029
common ditto

2 21032 *Lepedeza*
in open pine wood just
west of Goose Creek and
near route #7.
common ditto

2 21033 *Ambrosia artemisiifolia*
all pistillate
on bank near bridge over Goose
Creek on route 7. Plants late
in the season sometimes dec.
only pistillate. ditto

2 21034 *Perilla frutescens*
near # 21029
common. ditto

2 21035 *Pyrenanthemum*
at quarry near # 21029
frequent ditto

Pyrenanthemum
at quarry, dry soil
near # 21029
frequent
9/7/52
Diabase
H.A.A.

21037 *Vernonia glauca*
on hillside near brook
near route 7, just west of
Goose Creek. frequent
Pappus creamy. ditto

21038 *Euphorbia* flat
forms beautiful mats
of considerable size
at quarry near # 21029
frequent ditto

21039 *Gerardia tenuifolia*
in dry pine woods
near # 21032
frequent ditto

21040 *Euphorbia corollata*
var. *paniculata*
in dry pine woods near
21032
frequent ditto

21041 *Lepedeza*
hirsute
in dry soil near # 21029
frequent ditto

21042 *Quercus stellata*
just west of Goose Creek
and near route #7.
frequent. ditto

Hypoxis hirsuta (9/7/52)
Diabase
H.O.A.
In pine woods.
21043 near route #7 just west
of Goose Creek
Frequent

21044 *Bidens aristosa*
typical
anus upwardly barbed ditto

21045 *Bidens aristosa*
var. *mutiga*
anus rudimentary or wanting.
Intermingled with # 21044
Frequent ditto

21046 *Quercus falcata*
In pines near # 21043
Frequent ditto

21047 *Bidens aristosa*
var. *Fritcheyi*.
In same colony with # 21044
anus retroseely barbed
Frequent ditto

21048 *Paricium*
In open pine wood near
21043 Frequent ditto

21049 *Hypericum gertianoides*
In dry soil in open
deciduous woods near
route #7 just west of Goose Creek
Frequent ditto

Trichostema dichotomum 9/7/52
Diabase
London Co.,
H.O.A.
In dry soil
21050 near 21049
Frequent.

21051 In dry soil
near # 21049
Frequent ditto

21052 *Eupatorium coelestinum* ditto
In open pine woods
near 21043.
Frequent.

21053 *Stylosanthes biflora* ditto
In dry soil near route 7
just west of Goose Creek
Frequent

21054 *Sorghastrum nutans* ditto
On dry tank near 21053
Common.

21055 *Santhus brachiatus* ditto
In dry pasture near
route #7 just above Goose
Creek
Frequent.
In dry soil

21056 *Lepedeza* ditto
In open pine woods on tank
near route 7, just west of Goose Creek
Frequent
O-L almost oval leaves.

Empatorium altissimum 9/17/52
In dry soil in open pine
21057 wood near white
just west of Goose Creek,
frequent. Diabase
H.A.A.

21058 *Cladonia*
Red apothecia - very ditto
shamy
In pine woods near
21057 frequent.

21059 *Aristida*
In dry, sterile soil near ditto
21057 frequent.

21060 Grass
In dry soil near # 21059 ditto
frequent

21061 *Polygonum punctatum* W. ditto
fl. white var.
In moist spot in pines
near # 21057 Common

21062 *Lepedogon*
Tall - narrow based ditto
In pines, dry soil near
21057 common

21063 *Prenanthes serpentaria*
In dry soil in pine woods ditto
near # 21057
frequent
Pappus - cream.

Paspalum 9/14-52
In wet spot on Limestone H.A.A.
Branch near route 15
21064 conglomerate.

21065 *Panicum cruz-galli* ditto
with # 21064.
On limestone Branch near
21064 Conglomerate
Common.

21066 *Cirsium*
Conglomerate ditto

21067 *Oxalis* ditto
On Limestone Branch
near route 15
Near # 21064 Common

21068 On undifferentiated
Cambrian - on route 15
Va side at Point of Rocks, in
ledge, outcrop and talus. ditto
(later) frequent

21069 *Eupatorium*
rays white ditto
with # 21068
Not frequent in area.

21070 *Euphorbia* ditto
On Limestone Branch
1/2 or more down stream from
route 15. frequent
Conglomerate

Leersia
On Limestone Branch
near route 15 in
21071 wet spot.
Conglomerate
Frequent.

9/14/52
H.A.A.

21072 *Chenopodium album*
along Limestone Branch ditto
near # 21071 Conglomerate
Common

21073 *Chenopodium anthriscifolium*
near # 21071 ditto
Common
Conglomerate.

21074 *Perilla*
in waste ground near
21071 frequent
conglomerate ditto

21075 *Polygonum*
bl. rose.
in damp soil along
Limestone Branch near # 21071
frequent ditto

21076 *Actinomeris*
along Limestone Branch ditto
near # 21071
Common

21077 *Clematis virginiana*
along Limestone Branch ditto
near # 21071. frequent
conglomerate

Crataegus
along Limestone Branch { 9/14/52
H.A.A.
21078 $\frac{1}{2}$ mile from route 15
frequent
conglomerate

21079 *Saponaria officinalis*
in pasture near Limestone
Branch 1 mi. from route 15 ditto
Conglomerate Common

21080 *Santhus trachiatum*
bl. blue.
in dry soil in pasture with
21079. frequent
conglomerate ditto

21081 *Helianthus*
near Potomac R. along
route 15, Va. side near Point-of-
Rocks. frequent
undifferentiated Cambrian ditto

21082 *Solidago*
near # 21081
frequent ditto

21083 *Shpatiens biflora*
with # 21068 ditto
same formation
Common

21084 *Polygonum*
in damp thickets along
Branch near Potomac, near
route 15, in Va. side near Point-of-
Rocks. frequent. bl. rose
Recent ditto

In wet ground along
Limestone Branch near H.A.
21085 route 15, Common.
Conglomerate
Setaria

21086 Setaria
Along Limestone Branch ditto
near # 21085
Common

21087 Liquidambar styraciflua ditto
near # 21085
Frequent
Conglomerate

21088 Nepeta cataria ditto
Near conglomerate outcrop
in pasture near Limestone
Branch 1 mi from route 15
Frequent

21089 Scrophularia montanica ditto
In pasture beside # 21088
Frequent
Conglomerate

21090 Cyperus inflexus Muhl. ditto
Near conglomerate outcrop
in pasture near # 21088
Infrequent

21091 In damp shady situation
along Limestone Branch ditto
near route # 15
conglomerate
Muhlenbergia
Common

Quercus
On grass near Point of Rocks on
Va. (Tennessee) side in
21092 thickets near Pot. River ditto
Frequent
Indifferentiated Cambrian

21093 Populus deltoides ditto
Along stream near # 21092
Frequent Occasional
Requent

21094 Bidens ditto
at big spring on route 15
near Lelandburg. Cong.
(Temp. of water at bridge of
route 15 = 56° F.)

21095 Leersia ditto
In wet soil with # 21094
Frequent
Conglomerate

21096 Echinocystis lobata ditto
Staminate
Near # 21093 in blood plain soil
along stream, dumbbong over shrubs
and forming a weedy jungle infrequent

21097 Panicum ditto
In corn field near # 21093
Frequent.
Indifferentiated Cambrian

21098 Bromus ditto
fl. purplish.
In corn field near # 21097
Frequent
Same soil formation.

- Polygonum*
fl. rose.
- 21099 In old cornfield
with 21098
frequent
Same formation (rock)
- 21100 *Trifolium*
In low ground near
#21093 Recent
frequent ditto
- 21101 *Muhlenbergia*
In damp, shaded, flood-
plain soil near 21096
Common Recent ditto
- 21102 *Datura stramonium*
In corn field with 21098
frequent
Same rock formation ditto
- 21103 *Xanthium chinense*
In corn field near #21098
frequent
Same geol. formation ditto
- 21104 *Helianthus*
On undifferentiated Cambrian
near route 15 at foot of ledges,
dry soil frequent ditto
- 21105 *Euphorbia*
obtusifolia Near Goose
creek
above
Belmont Station
9/21/52
In pasture;
common
Diabase.

- Helianthus strumosus*
along R.R. near bridge over
Goose Creek above Belmont station
21106 frequent.
- 21107 *Oxalis* (R.R.)
At bridge over Goose Creek
above Belmont station
Common
Diabase ditto
- 21108 *Cyperus*
wet soil by R.R. near
Belmont station
frequent
Diabase ditto
- 21109 *Polygonum sagittatum*
In wet soil with #21108
Common
Diabase ditto
- 21110 *Polygonum cristatum*
Near trap rock quarry
along R.R. 1/2 mi above Belmont Sta.
Scrambling over shrubs. Common
Diabase ditto
- 21111 *Aster*
In thickets with #21110
frequent
Diabase
Rays deep purple; very beautiful aster ditto
- 21112 *Bidens*
Beside R.R. bridge over Goose
creek 1/2 mile or more above Belmont
station frequent
Rays yellow - very
showy in masses. Diabase ditto

Empetrum
fl. white
21113 Frequent
Near R.R.
bridge over Goose
Creek above Belmont
Sta. 3/4 mile
Diabase
9/21/52
Haa

21114 *Euphorbia*
along R.R. near # 21113
Frequent
rays white
ditto

21115 *Leersia*
in wet soil by R.R.
near Belmont Sta.
Frequent.
Diabase
ditto

21116 *Xanthium*
at trap rock quarry
and along R.R.; abundant here.
Diabase.
ditto

21117 *Solidago*
along R.R. just above Belmont
Station. Frequent
Diabase
ditto

21118 *Elyoglossis*
in wet soil along R.R. just above
Belmont Station. Frequent
Diabase
ditto

21119 *Aster*
rays white
along R.R. near Belmont Sta.
Common
Diabase.
ditto

Aster
very leafy
along R.R. near
21120 Belmont Sta.
Frequent.
9/21/52
Haa
Diabase

21121 *Galiopsis tetralix*
along R.R. near
Belmont Station
Common Diabase
ditto

21122 *Bidens*
along R.R. near trap rock
quarry. Common
Diabase.
ditto

21123 *Rosa*
Flowers deep rose.
along R.R. - near Belmont
Station. Frequent
Diabase.
ditto

21124 *Bidens aristosa*
var. *tritcheyi*
along Goose Creek at rapids
up stream near bridge (R.R.) from
Belmont Sta. Common
ditto

21125 *Lactuca floridana*
fl. blue
Near # 21124
Common
ditto

21126 *Ranunculus*
at rapids near # 21124
Frequent
ditto

Sauria biennis
at rapids on Goose
21127 creek above R.R. bridge
above Belmont Station
Frequent
9/21/52
Diabase
H.A.G.

21128 *Oxalis*
in corn field near
R.R. bridge over Goose Creek
above Belmont Station
Common
ditto

21129 *Verbesina*
occidentalis
at rapids with # 21127
Common
ditto

21130 *Carya*
in corn field
at rapids near # 21127.
Frequent
ditto

21131 *Helianthus*
at rapids near # 21127
Frequent
ditto

Helianthus decapetalus
21132 *Xanthium* *diversense*
in corn field near
rapids on Goose Creek
above R.R. bridge above
Belmont Station
Common
ditto

21133 *Achyrocline*
in corn field near
21132
Common
ditto

Xanthium italicum
= (X-commune) & *X-saccharatum*
21134 at traprock quarry
above Belmont Station
Common
9/21/52
H.A.G.
diabase

21135 *Datura stramonium*
in corn field with 21128
Frequent
ditto

21136 *Quercus muhlenbergii*
Near R.R. bridge over Goose
Creek above Belmont Sta.
Frequent
ditto

21137 *Oenothera*
abundant on fine detritus
in great heaps at trap rock
quarry - near # 21134
Common
ditto

21138 *Celtis*
Fruit orange.
Beside Goose Creek near
bridge above Belmont Sta.
Frequent
ditto

21139 *Polygonum*
Near # 21138
Frequent.
ditto

21140 *Quercus rubra*
Near Goose Creek
along R.R. just above bridge
over Goose Creek.
Frequent
Diabase
ditto

~~Bidens~~ Desmodium 9/21/52
H.A.A.
Diabase
21141 Along Goose Creek
near R.R. bridge above
Belmont Sta
Frequent.

21142 Corylus americana
along Goose Creek
near R.R. bridge
Frequent.
Diabase.
ditto

21143 Sponsoea lacunosa
fl. white
at trap rock quarry above Belmont
station on R.R.
Frequent
Diabase.
ditto

21144 Aster paniculatus
at quarry near # 21143
Common
ditto

21145 ~~grass~~ Aster novae-angliae
at quarry above with #
21143 Frequent.
ditto

21146 Anaphalis
at trap rock quarry
near # 21143
Common
ditto

21147 ~~grass~~
at trap rock quarry
near # 21143
Frequent
ditto

Lactuca biennis 9/21/52
at trap rock quarry
near # 21143
Frequent
Diabase
ditto

21149 Helenium autumnale
in damp spot at quarry
near # 21143
Frequent
diabase -
ditto

21150 ~~Cyperus~~
Cyperus
Common
In Allard's garden
Lyon Park, Va 9/23/52
9/23/52
H.A.A.

21151 ~~var~~ Polygonum
crinitatum
along R.R. above Belmont
sta near trap rock quarry
Common
9/21/52
diabase
H.A.A.

21152 Along Broad Run left
bank below bridge
near Buckland, Va
Aster paniculatus
Common.
9/28/52
Diabase
H.A.A.

21153 Desmodium
Near # 21152
Common
ditto

21154 Chenopodium ambrosioides
var.
Common
on red manassas shales and
sandstones of Broad Run near
route # 211
ditto

on red shales & sandstones
of Broad Run near route 211
mat planar or dry,
crumbly shales.
21155

9/28/52
H.A.G.

21156 *Desmodium*
near # 21155
frequent.

ditto

21157 *Eupatorium fistulosum*
near # 21155
stem glaucous,
hollow

ditto

21158 *Solidago graminifolia*
var. *multiflora*
on shales near # 21155
frequent.

ditto

21159 *Hypericum nudiflorum*
on shales near # 21155
frequent.

ditto

21160 *Desmodium*
along Broad Run (up stream)
on red shales near
21155
frequent

ditto

21161 *Anaphalis?*
on shales near # 21155
infrequent

ditto

Anter
on red shales
near # 21155
frequent
rays blue
21162

9/28/52
up Broad
Run near 211

21163 *Solidago*
on shales near # 21155
frequent

ditto

21164 Anter rays blue
on red shales
of Broad Run near 211
near # 21155

ditto

21165 *Chelone*
fl pink.
Down Broad Run left bank
1 mi from bridge and route 211
infrequent
in wet soil Diabase

ditto

21166 *Eupatorium*
Down Broad Run near rapids
1 mi down from bridge and
211, left bank. frequent
Diabase

9/28/52
H.A.G.

21167 *Anter disarticulatus*
near # 21166
frequent Diabase
in woods.

ditto

21168 *Geranium*
woods near # 21165
Diabase
frequent.

ditto

Polygonum
 all floodplain left bank 9/28/52
 21169 Broad Run near bridge
 and #211
 Recent
 Frequent.

21170 *Aster tardiflorus* 9/28/52
 in moist woods at rapids
 1 mile down Broad Run, left
 bank - from bridge and #211
 Infrequent. Diabase

21171 *Corallorhiza*
 in woods down Broad Run
 left bank from bridge and 211
 1 mile Diabase Frequent

21172 *Polygonum*
 On left bank of Broad Run
 near bridge and route 211
 left bank - Recent
 (blood plain)

21173 *Polygonum*
 Near # 21172
 Frequent
 Recent

21174 *Lycium*
 Roadside (route 211)
 near Broad Run and
 bridge. Infrequent
 Diabase

21175 *Ipomoea purpurea* 10/5/52
 along Little River, up
 stream from bridge on route
 15 Common Recent

Aster -
 rays purplish.
 Common
 21176 Near # 21175
 Recent

10/5/52
 Recent
 Loudoun Co

21177 *Aster prenanthoides*
 Near # 21175
 Common, strong
 Recent, alluvial ditto

21178 *Aster paniculatus*
 rays white
 up Little River 1 mile
 near # 21175 Recent
 Common ditto

21179 *Panicum cruz-galli*
 Near # 21175
 Common
 Recent ditto

21180 *Bidens* -
 in soil - near # 21175
 Common
 Recent ditto

21181 *Sicyos angulatus*
 damp soil near # 21175
 Frequent
 Recent. High-climbing ditto

21182 *Oxalis*
 along Little River in
 pasture near # 21175
 Common
 Recent ditto

Polygonum
In wet soil along Little River
21183 1 mile from bridge on route 15
common
Recent
10/5/52
Recent
H.A.A.

21184 Aster prenanthoides
Rays purple.
In damp soil near # 21183
Common - very showy now.
Recent.

21185 Plantago rugelii
In rich soil along
Little River near # 21183
Common.
Recent.

21186 Ambrosia
Chenopodium anthelminticum
var. ambrosioides.
Common.
Recent.

21187 Rays yellow.
Astragalus?
Near # 21183
Recent
Common.

21188 Verbena
fl. white
In pasture 2 mi. up Little River
from bridge on route 15
Common.
Recent.

21189 Acalypha
Near # 21188, in
rich soil
Common.
Recent.

Carya
Up Little River near
21190 # 21188
Frequent
Recent
10/5/52
H.A.A.

21191 Carya -
Near # 21188
Frequent
Recent
ditto

21192 Polygonum fl. white
along Little River
2 mi. up stream from
bridge on route 15
Common.

21193 Aster prenanthoides
rays purple.
Up Little River 2 mi. from
bridge on route 15
Common - showy
Recent.

21194 Cuphea petiolata
In pasture near
21188. Common
Recent
Fruit Lythraceae.

21195 Leanthus brachiatus
Up Little River in pasture
near # 21188
Common.
Recent.

21196 Chrysanthemum
leucanthemum.
In pasture near 21188
Rare in fl. in fall.
Common.
Recent.

Anter
Days bluish.
10/5/52
H.A. A
Recent
21197 up Little River 2 mi.
from bridge on route 15.
Common
Recent
In damp soil

21198 *arctium lappa*
up Little River 2 mi.
from bridge on route 15
Common
Recent
ditto

21199 *Anthopanthium odoratum*
In pasture near # 21197
Rarely blooming so late.
Spring blooming sp. Common.
Recent.
ditto

21200 *Aster paniculatus*
rays white
Near 21197
Common.
In low ground recent
ditto

21201 *Vernonia*
up Little River near
bridge on route 15
Common
Recent.
ditto

21202 *Panicum*
In swale near bridge
on route 15 up Little River
Occasional
Recent.
ditto

21203 *Acer negundo*
Near # 21202
near bank of Little River
Frequent
Recent
ditto

10/5/52
H.A. A
Recent
21204 *Desmodium*
along Little River at
bridge on route 15
Frequent
In damp soil
Recent.

21205 *Paspalum circulare* Nash.
In swale near # 21204
Frequent
Recent
ditto

21206 *Acer rubrum*
Near # 21197
Common
Recent.
ditto

21207 *Aster purpureus*
up Little River along
small tributary 2 miles from
bridge on route 15
Common.
ditto

21208 *Fraxinus*
Near # 21207
Frequent
Recent.
ditto

21209 *Leersia*
Near # 21207
Frequent
Recent. In wet soil
ditto

21210 *Empatorium perfoliatum*
barva purpureum
Days purplish red.
Infrequent.
Near # 21207 Recent.
ditto

Morus rubra.
2 mi. up Little River from
bridge on route 15.
Infrequent.
Recent.
10/5/52
Recent.
H.O.A.

21212 *Rudbeckia*
In pasture near
21211. Flowers in
early summer; this delayed.
Common Recent

21213 *Rosa*
1 mi. up Little River from
bridge on route 15
Infrequent.
Recent.

21214 *Rubus phoenicolasius*
In pasture on right
bank Goose Creek near # 15
Diabase
Frequent.
On this = *Cuscuta*
10/19/52
Goose Creek
near route 15.

21215 *Polygonum cristatum* in pasture
twining clockwise
ie. ascending up
subvent right to left →
21214
Common ditto

21216 *Cuscuta* on *perilla*
on rocky outcrop, diabase
on *Perilla* near route 15
Common.

21217 *Helianthus multiflorus*
In alluvial meadow
along Goose Creek near route 15
Frequent. Diabase

Polygonum fl. white
Recent on alluvial flood
plain along Goose Creek
near route 15
Common.
Recent.
10/19/52
di

21219 *Sicythia glomerata*
In pasture near # 21218
on recent alluvial flood plain
a number of flowering stems.
Common in
midsummer. There very
late fl.

21220 *Polygonum* fl. deep pink
with # 21219
Frequent
Recent - alluvial - damp
soil.

21221 *Urticaceae*
on alluvial flood plain
2 miles down Goose Creek near
route 15 - Very common

21222 *Carya cordiformis*
Near # 21221 - on edge
of stream bank. Tree very
large. Frequent. Fruit
falling constantly abundant.
Almost alluvial.

21223 *Solidago caesia*
Along steep, diabase
rocky bank along Goose Creek
down stream from route 15
Frequent. A woodland sp.

21224 *Galium circaezans*
with # 21223
Frequent.
Diabase.

Aster cordifolius -
rays white very long, attenuate
along Goose Creek near route 15
21225 on steep rocky diabase bank.
Frequent.

21226 *Aster oblongifolius* Nov. 2, 1952
On conglomerate cliffs
along Potomac River at mouth of
limestone branch - infrequent.

21227 *Polypodium vulgare* L. var. virginianum (L.) Eaton
Nov. 16, 52
on red sandstone and red shale
cliffs of Ball's Bluff south of H.A.A.
these bluffs about 2 miles. Common

21228 *Mitchella repens*
near above on top of cliffs ditto
infrequent.

21229 *Asplenium platyneuron* (L.) Oakes ditto
In decid. dry woods
on slopes of red s.s. and shales about
2-2 1/2 mi. south of Ball's Bluff
common

21230 *Gaultheria procumbens*
In woods near # 21228 ditto
infrequent.

21231 *Dryopteris marginalis* (L.) Gray ditto
On red shales and sandstone
slopes near # 21227
Common.

Antica dioica (Nov. 16/52)
On flood plain below H.A.A.
21232 cliffs of Ball's Bluff along
River (alluvial) ditto
very common. Potomac.

21233 Liverwort.
On wet soil on red s.s. and
shales in wet ravine just
north of Ball's Bluff outcrop. ditto
Nov. 9
1952

21234 *Equisetum hyemale* L.
var. affine (Engelm.) A.A. Eaton
along brook in mud south of route 7
flowing into Goose Creek - in heavy decid.
woods. Large colony here. 3/1/53

21235 In Allard's front lawn Arlington, Va.
Cardamine hirsuta L. 3/13/53
Large colony here appeared this spring.
Taste peppery. Have eaten it as a salad; good.

21236 Same as # 21235 ditto
3/17/53
Cardamine hirsuta L. Arlington, Va.
3000-7th St. N

21237 Same as 21235 ditto
Cardamine hirsuta L. 3-21-53

21238 same as 21235
Cardamine hirsuta L. 3/25/53

Hepatica americana L. fana ~~thunder~~ ^{thunder} ~~fern~~
flowers deep rose, in decid woods
21239 up Goose Creek from route 7,
on left bank up 2 miles. 3/22/53
Diabase.

uncommon (this deep rose), but
intermingled with blue and white forms
21240 *Hepatica americana* L.
fl. pure white, fana ~~white~~ ^{white} ~~fern~~ 3/22/53
with # 21239; very abundant

21241 *Berteris thumbergii* DC.
Near # 21239
Frequent here in heavy deciduous woods
all along Goose Creek, both
sides up and down from route 7 3/22/53

21242 *Cardamine parviflora* L. Culpeper Co
Edge woods, inside west of
Burgard Knob (first peak) a colony
here; infrequent. Diabase. 3/29/53

21243 *Callitriche palustris* L. west slope ditto
in water along R.B. grade Burgard Mt., 1st peak
below quarry and pool.
Diabase.

21244 *Anemoneella thalictroides* ditto
On west slopes second peak of
Burgard Mt. Culpeper Co
Diabase

21245 *Dentaria laciniata* Mill. ditto
3/29/53

Hepatica americana 3/29/53
on west slope Burgard Mt.,
21246 2nd peak. Culpeper Co
Frequent. } fana ~~white~~ ^{white} ~~fern~~
Diabase

21247 *Dracopis*
Frequent in dry, rocky soil ditto
Diabase for ~~unpleasant~~ ^{unpleasant} ~~with~~

21248 *Carex* ditto
with # 21246
Diabase.
Frequent in woods.

21249 *Asplenium* ditto
on ledges with # 21246
Frequent.

21250 *Obolaria virginica* L. ditto
Infrequent here (one plant)
Diabase fl. deep purple.
Near # 21246.

21251 Moss on wet rocks near
top second peak, west slope of ditto
Burgard Mt. 3/29/53
Culpeper Co
Diabase.

21252 On wet rocks near
21251. Diabase ditto

Hepatica americana

2/ Moss
On wet rocks on west slope of
2nd peak of Buzzard Mt.
21253 3/29/53 Culpeper Co.
Frequent
Diabase

2/ 21254 On mud and wet soil
on way to west slope of 1st peak
of Buzzard Mt. Culpeper Co.
3/29/53
Selaginella sp.
Frequent Diabase

2/ 21255 *Amelanchier canadensis* (L.) Mill.
On top of first peak of
Buzzard Mt.; west slope. 3/29/53
Frequent

2/ 21256 *Barbarea verna* (Mill.) Achn.
On rocky slope near # 21255
Frequent. Diabase
3/29/53

2/ 21257 On thin soil near
21256 *Antennaria portinii* Torr.
Common ditto.

2/ 21258 *Antennaria plantaginifolia*
Scutellaria laciniata Muhl.
on top of first peak near
21256. Common ditto

2/ 21259 *Aralia laevis* (Muhl.) Pursh
In dry rocky soil on first
peak near # 21255
Frequent. Diabase ditto

Amelanchier canadensis (L.) Mill.

Near # 21255
21260 Occasional - (several) seen
only. Diabase
3/29/53

21261 *Chimaphila maculata* (L.) Pursh
On dry, wooded slope 2nd peak
of Buzzard Mt., Culpeper Co., Va.
Diabase 3/29/53
Common all over.

21262 *Hepatica americana*, fl
Highlander.
with # 21261, common, ditto
with white flower also

21263 *Amelanchier canadensis* (L.) Mill.
(Chim.) along east fence
of Allard's back-yard along Garfield St.
Small flower, very showy

21264 *Aplectrum hyemale* (Muhl.) Torr.
Near # 21261
Frequent. ditto

21265 *Cardamine hirsuta* L.
In Allard's front yard
First appearance this spring 1953
4/2/53 3/21/53

21266 *Amelanchier canadensis*
In Allard's wild flower
garden near cage. 4/5/53

2111
Carex
In rich soil in deciduous
woods 1/2 mi. south of route 7
on right bank of Goose Creek
2/267 down diabase April 12, '53
Frequent

2/268 *Vicia caroliniana* (Michx.) Fern
near # 2/267 In rich woods
ditto diabase
Frequent. Full flower.

2/269 *Silene caroliniana* Walt.
var. *pennsylvanica* (Michx.) Fern
In woods near # 2/268 ditto
Frequent. Fl. deep pink (diabase)

2/270 *Potamogeton* In old pasture edge
of woods; full bloom near
route 7, just south of route 7, on right
bank of Goose Creek. ditto

2/271 *Rhus aromatica* Ait.
In dry woods, just south of
route 7, on right bank of Goose
Creek down. Frequent. ditto

2/272 *Lithospermum canescens* (Nutt.) Link.
Fl. yellow; stems in a clump
On a dry bank in pine woods by roadside
route 7, 1/2 mile east of Goose Creek 4/19/53
Rare

2/273 *Dodecatheon media* L.
In damp open spot in decid. woods
3/4 mile east of Goose Creek, and 1/2 mi. ditto
South of route 7 just in fl.; a large
colony; a handsome plant; first
diabase

Conopholis americana (Walt.) Wallr.
In oak woods east of Goose
Creek and south of route 7
2/274 Common April 19, 1953
Diabase

2/275 In wet soil on red sandstone
outcrop 2-2 1/2 mi. south of
route 7 and east of Goose Creek,
in woods along brook. ditto
Cardamine hirsuta L.

2/276 *Ranunculus abortivus* L.
In dry woods on bank of
brook near # 2/275 ditto
Red sandstone formation

2/277 *Luzula echinata* (Lam.) Kunze
On bank of brook 2-2 1/2 mi.
south of route 7, and east of
Goose Creek. Rare; soil
on diabase ditto

2/278 *Cardamine hirsuta* L.
On bank of brook 2-2 1/2 miles
south of route 7 and east of
Goose Creek. Diabase ditto
Cardamine hirsuta L.

2/279 *Ranunculus hispidus* Michx.
Along brook on Red sandstone
2-2 1/2 mi. E. of route 7 and east of
Goose Creek. Common. ditto

2/280 *Anthriscum odoratum* L.
Along brook in woods near
2/275 - Red sandstone. ditto
Just in flower

Cardamine hirsuta L.
on bank in pasture - $2\frac{1}{2}$ mi. N
of route 7, and east of Goose
21281 creek $1\frac{1}{2}$ mi. Infrequent.
on red sandstone. 4/19/53

21282 *Arabis thaliana* (C) Heyn.
In old pasture near ditto
* 21281. Common
Red sandstone.

21283 *Cerastium*
In old pasture with ditto
* 21281. Common
on red sandstone

21284 *Veronica hederifolia* L.
In old pasture near ditto
* 21282. Large colony -
on red sandstone.

21285 *Barbarea verna* (Mill.) Ach.
Near * 21284. Common
on red sandstone bank
in thin woods in pasture ditto

21286 *Potentilla canadensis* L.
Common in old brook edge
pasture on red sandstone. ditto
Abundant. Near * 21282.

21287 *Krifia virginica* (L.) Willd.
In old brook edge field ditto
north of route 7 $2\frac{1}{2}$ miles -
with 21282. Red sandstone

Mentha - 4/19/53
In opening in woods
2 miles north of route 7
21288 and east of Goose Creek.
Not in flower. - *Pycnanthemum*
Diabase. *micranthum* (Michx.)

21289 *Anthoxanthum odoratum* L.
In damp spot in decid.
woods near * 21288. ditto

21290 *Luzula echinata* (Sw.) (Hemsl.)
along bank of brook ditto
near * 21289. Diabase soil
in woods.

21291 *Ranunculus abortivus* L.
In alluvial soil near ditto
brook in woods near * 21290
Diabase.

21292 *Taraxacum officinale* Weber
Near * 21291 ditto
Diabase
on brook bank

21293 *Carex* in wet
soil in open in woods ditto
near * 21290. *Carex toka* Benth
Large colony - in mud
infrequent. Diabase

21294 *Barbarea vulgaris* R. Br.
Near * 21293 ditto
Diabase.

alliarica officinalis, Andry.
In moist soil in open woods
2 miles N. of route 7 and
21295 east of Goose Creek. { 4/19/53
Full flower; very
common.

21296 *Viola pennsylvanica* Michx.
yellow- var ditto
In dry woods 1-1 1/2 mi. N. of
route 7 east of Goose Creek
Diabase

21297 *Viola cucullata* Ait.
blue ditto
In damp woods 2 miles N.
of route 7 and east of Goose
Creek; frequent Diabase

21298 *Carex & Oryza* (immature)
very large ditto
In same spot - muddy soil
with #21293
Infrequent. Diabase

21299 *Cardamine hirsuta* (chry) B.S.P.
on bank of brook in woods ditto
in damp soil, 1 mile north
of route 7 and east of Goose Creek
Diabase

21300 In damp soil in open
woods north of route 7, and
east of Goose Creek - ditto
Barbarea verna (mill) Aschers. also *Viola*
north of route 7 - 1 1/2 mi. Diabase *cucullata*
Ait.

21301 *Dentaria heterophylla* Nutt. 4/22/53
Down Goose Creek below route 7,
left bank in red sandstone soil.
Colomesia full bloom - much later
than *D. laciniata* and less common

Ligustrum vulgare L. (4/22/53)
Frequent along Goose Creek
left bank down stream
21302 from route 7. Escape

21303 *Luzula echinata* (Lam.) Vasey ditto
2 miles down Goose Creek
from route 7. On dry wooded
slope red sandstone
also an immense sedge *Carex*: *ovata*.

21304 *Carex canensis* Dewey ditto
Near #21303 -
same locale.

Common
Red sandstone
21305 *Lilium rubra* in
fruit. On red sandstone ditto
knob near #21303
Frequent

21306 Green alga *Spirogyra* 2
In shallow pool at quarry
at bridge over Goose Creek
on route 7. Diabase quarry. ditto

21307 *Arabis*
along Goose Creek down stream ditto
from route 7; frequent; full flower.

21308 *Arabis laevigata* (Muhl.) Poir. ditto
along Goose Creek down from
route 7, left bank - alluvial
soil. Frequent.
Full bloom.

Senecio aureus L.
Left bank down Goose Creek
from route 7. Alluvial 4/22/53
21309 or recent
Frequent; full bloom.

21310 *Oxalis filipes* Schult.
In crevice at diabase quarry ditto
on Goose Creek at bridge on
route 7. Occasional. Very showy

21311 *Phacelia rannunculacea* (Nutt.) Constant
In Allard's garden, appearing
spontaneously years ago. Full flower
4/23/53

21312 *Marek* - In moist upland deciduous
woods east of Goose Creek
and 1-1 1/2 mi. north of route 7. 4/26/53
Very common on flood plain here
also in deciduous woods. H.A. Allard.

21313 Mature plants of
Cardamine hirsuta L. 4/29/53
In Allard's garden in front yard.
Spontaneously appeared in numbers for first
time in 1953.

21314 *Veronica* in Allard's front yard
with # 21313

21315 *Lithospermum canescens* (Michx.) Ledeb.
In dry soil on bank on
route 7 in pines on route 7 to
Leaburg on diabase knof 4/26/53

Grass on diabase knof - 1/2 - 1 mile
east of Goose Creek - in moist
soil 4/26/53
21316 H.A. Allard
In deciduous woods,
Melica umbellata Walt.

21317 *Arabis* ² *cardamine bulbosa* ditto
In alluvial soil along Gehob / R.S.P.
brook 3-3 1/2 mi. from route 7.
On diabase soil - fl. white

21318 *Chaerophyllum procumbens* (L.) ditto
In alluvial soil along brook (C) near # 21317

21319 *Utricularia perfoliata*.
In moist soil 1/2 - 1 mile east of
Goose Creek and 1/2 mile north ditto
of route 7. Diabase common
Near Doctheon, copiously (see notes)
6.5-7 ph, soil sticky black clay.

21320 Small blomed *Ranunculus* ~~hispidus~~
with # 21319 - same soil, ph, etc. ditto
6.5-7. Common. *Ranunculus* L.

21321 Large-flowered *Ranunculus* *R. hispidus*
with # 21319 - Common in
colonies. ph. 6.5-7. Same soil ditto
above. Common.

21322 *Arisaema atrorubens* (L.) Blume
fama zebri ⁱⁿ ditto
with 21319, 21320, 21321 - (See notes)
Common
ph - 6.5-7 (see notes)

Carex torta Boott
 In wet soil along creek (boggy) 4/26/53
 diabase $\frac{1}{2}$ -1 mi. East of Dore Creek - H.A.A.
 2/323 $\frac{1}{2}$ mi. N of route 7.
 In clumps.

2/324 In woods near Balls
 Bluff Cemetery; host fl.
 conglomerate + 5/3/53
 Viburnum prunifolium L. H.A.A.
 Common.

2/325 Viola pedata L.
 Bi-colored: two petals
 deep purple and pale (red)
 on red sandstone, about 2 mi. ditto
 down Potomac from Balls Bluff
 common in dry woods.

2/326 Polygonatum biflorum (Walt.) Ell.
 In woods near # 2/325 ditto
 common. just in fl.
 on red sandstone & shale.

2/327 Grass. Poa angustata Nutt.
 on slope from cemetery ditto
 at Balls Bluff to River below.
 frequent in decid woods
 conglomerate.

2/328 Fungus on leaves of
 Claytonia virginica L. on
 top bluff (cong) 2 miles down ditto
 Potomac from cemetery (Balls
 Bluff. Rust: Puccinia mariae - Wilsoni G.W. Dist.

2/329 Orobanche uniflora L.
 Occasional. Near # 2/328 ditto
 5/3/53

In dry open woods - top
 cong. cliffs 2-2 $\frac{1}{2}$ mi down 5/3/53
 Potomac from Balls Bluff H.A.A.
 2/330 Cemetery. frequent
 Carex willdenowii Schb.

2/331 Acer saccharum ^{march}
 forma glaucum (Schmidt) Pax ditto
 On cliffs near # 2/330
 infrequent or occasional
 in area.

2/332 Grass. Poa sylvestris a. gray
 Near # 2/331 ditto
 frequent
 on top cong. bluffs (Bickler) Smith.
 Also Schenckia liliifolia

2/333 Smilacina racemosa (L.) Desf.
 Top of cliffs in woods near # 2/331 - Red sandstone & shales ditto
 on cylindrical Fern.

2/334 Dicentra canadensis (Goldie) Wats.
 On cong. cliffs (top) $\frac{1}{2}$ mi
 down Pot. R. from Balls Bluff ditto
 cemetery. Abundant here -
 but very local - (woods)

2/335 Viola sororia (Willd.) Willd.
 In rich woods with # 2/334
 frequent. Ph of soils here ditto
 7.00-8.00. moist. st. dark brown
 loam - rich.

2/336 Oxalis violacea L.
 with # 2/335. ditto
 common. Ph 7.00-8.00

Veronica. In woods on top
Cong. bluffs 1 1/2 mi down Pot. R.
21337 from Balls Bluff cemetery 5/3/53
Common *V. hedbergii* L.
hls - 7.00 - 8.00

Near # 21334 - 21336

21338 Carex
with # 21337.
Soil hls 7-8.00

ditto

21339. In same soil
near # 21337.
Frequent. *Carex laxiflora* Lam.

ditto

21340 Trailing Rubus. Plant A.
with tip rooting habit.
Just in flower. In decid.
woods near 21337 - occasional
hls 7.00 - 8.00.

ditto

21341 Root tip of Rubus A above
or 21340 -

ditto

See also 21340

21341 = *Jeffersonia diphylla* (L.) PERG. L.

21342 *Asarum canadense*
In dark brown, moist, rich
loam soil at foot Cong. bluffs

ditto

1 1/2 mi. down Pot. R. from
Balls Bluff cemetery. Common; in large
colonies; full fl.

21343 *Arabis laevis* (L.) R. & S. 5/3/53
on conglomerate cliff soil. H.A.A.
1 1/2 mi down Pot. R. from
Balls Bluff Cemetery. Frequent

Chelidonium majus L. 5/3/53

On Cong. cliffs with # 21343 - strong
21344 Suppressed, local. Rare
seen at only here on Triassic.

21345 Grass. On alluvial flood
plain 1 1/2 mi. down Pot. R.
from Balls Bluff Cemetery
Frequent. *Poa patens* L.

ditto

21346 *Galium aparine* L.
with # 21345 - recent,
alluvial; common.

ditto

21347 *Veronica polita*
On dry bank at Balls Bluff
Cemetery - frequent.
= *V. serpyllifolia* L.

ditto

21348 *Sedum ternatum* Michx.
On rocks in wooded slope
down to Potomac River flood plain
from Balls Bluff Cemetery
Common - on rocks; bluffs.

ditto

21349 *Houstonia missouriensis* L.
On dry wooded hillside
down rocky slope to flood plain
of Pot. R. from Balls Bluff
Cemetery. Common.

ditto

21350 *Ranunculus*
of Pot. R. 1/2 mi. down from
Balls Bluff Cemetery.
Common.

ditto

Glechoma hederacea L. var. { 5/3/53
on flood plain of Pot. R. near Pot. River, near Balls Bluff Cemetery
21351 Bluff Cemetery
Very common.
Recent.

21352 *Cardamine hirsuta* ditto
In waste ground at
Balls Bluff Cemetery = *Arabis lyrata* v.
conglomerate
Occasional.

21353 *Ayalea* ditto
Rhododendron nudiflorum (L.) J. R.
In dry woods near Balls Bluff
Cemetery - conglomerate
Occasional - local.

21354 *Crataegus pruinosa* (Walt.) K. Koch ditto
Near # 21353; full flower
In frequent.
Conglomerate

21355 *Crataegus pruinosa* (Walt.) K. Koch 5/4/53
In Allard's yard. H.A.A.
Stamens 20.
Full flower 5-1-53

21356 Fungus on dead log of sycamore
along Potomac R., below Balls
Bluff. Very abundant. May 10, 1953
H.A. Allard.

21357 *Equisetum arvense* L. typical 5/10/53
on bank on route 7, 1 mi
east of Leesburg. (conglomerate?)
Common.

Nasturtium officinale R.A. 5/10/53
In wet meadow and woods near
21358 # 21357. Frequent. H.A.A.
conglomerate(?)

21359 *Hydrophyllum canadense* L. ditto
along Pot. River below
Balls Bluff in rich loam
below shale (red) cliffs and conglomerate
Common - abundant here just above flood plain
ph = 8.00

21360 *Caryophyllus* ditto
Thalictrifolius L. ditto
In same soil, locality etc.
with # 21359. Abundant here.
ph = 8.00. Part fl.

21361 strictly on or near flood plain.
Cyatopteris fragilis (L.) Presl. In same
soil, locality etc with # 21360 ditto
Frequent. ph 8.00.

21362 *Arabis laevis* (Muhl.) R. & S. ditto
one mile of Pot. River from
Balls Bluff Cemetery in talus
dark brown heavy soil (rich) at foot
of cliffs - red shale and Cong. Frequent
part fl. Soil ph = 8.00 at roots.

21363 *Asplenium tridactylum* L. in crevices ditto
of cliffs near # 21362; Frequent.
Soil at roots - dark brown loam
ph = 8.00 showing Calcium present.

21364 *Viburnum acerifolium* L. ditto
on edge of red shale cliffs 1 1/2
mi. north of Balls Bluff Cemetery.
Common; in talus; ph = 5.00 - very acid
owing to slope and leaching - a dark brown
gravelly loam

Parthenocissus quinquefolia (L.) ^{5/10/53}
forma *tirsuta* (Dum.) ^{Ha. a}
with # 21364. at edge of
21365 red shale cliffs - same
soil etc. Common. ph. soil = 5.00
= very acid

21366 *Dioscorea quaternata* (Wall.) ^{J. S. F. J. S. F. J. S. F.}
In same soil and locality
on red shale knof near # 21365 ditto
Common. Soil dark brown loam
with ph 5.00 = very acid

21367 *Salvia lyrata* (L.) (fl. blue)
just in fl. Common. In thin
open woods on slope of red shale ditto
knof. Soil rather thin, dark brown
= ph. 5.00 (very acid)

21368 *Dewberry* (*Rubus*) ^{Lev.}
arching, half freely tip rooting,
producing long, prostrate vines - ditto
In open thickets with # 21367. Abundant
here. Soil ph. as above = 5.00.

21369 *Aster* - large leaves and big colony
at foot of red shale knof near # 21368. ditto
Native fl. Soil usually acid, with *Halimolobos*
present. Near brook. Infrequent

21370 *Vaccinium stamineum* L. ditto
with # 21368. Common. Abundant
here. Soil ph = 5.00. full flower.

21371 *Crataegus crus-galli* L. ditto
with # 21370 and 21368.
Red shales. Common
Part fl.

Veronica In damp soil
by brook, at foot red shale knof 5/10/53
1 1/2 mi. north of Balls Bluff Ha. a
21372 Cemetery. Frequent.
Near # 21369.
V. serpyllifolia L.

21373 *Gigelia aurea* ditto
In woods on red shale
knof 1/2 mile north of Balls Bluff
Cemetery. Frequent. Soil acid. ph 5.00
= *Thapsium barbinode* (Michx.) Nutt.

21374 Cultivated onion set 5/2/53
Allard's garden.
Full flower May 2; much
visited by honey bees.
Allium cepa L.

21375 *Rubus flagellaris* 5/3/53
In rich woods 1 1/2 mi.
down from Balls Bluff
Cemetery. Frequent.
Just in flower; tip rooting, long trailing
Medicago lupulina L.

21376 Same as 21337-38-39. ph. soil = 8.00
Trifolium procumbens L. ph = 6.5
Near Limestone Branch near
route 15 - on conglomerate soil
near cong. boulders overlaid with red shale
and sandstone

21377 Common. 5/17/53
Salvia lyrata - in pasture on limestone
conglomerate outcrops. 1 mile down
Limestone Branch from route 15
full flower; showy; frequent. ph = 6.5
21378 at roots.

Geranium carolinianum L. var. *confertiflorum* ditto
Near 21377. frequent.
In limestone conglomerate soil
ph = 6.5

~~Trisetum angustifolium~~ 5/17/53
On limestone cong. soil, 1 mi.
down Limestone Branch from
21379 route 15. frequent.
ph 6.5-7. Hybanthus concolor
Near cong. boulders. (T. F. Torst.) Spry.
= Cubelium concolor.

21380 Carex amphibola Steud. var. ^{Tringula} ~~Tringula~~ ^{Tringula} ~~Tringula~~
growing in crevice on ditto
limestone cong. ledge (H.A.G.)
near # 21379; ph at water -
in rich black humus soil = 8.00

21381 Arenaria serpyllifolia L.
on thin soil on limestone
conglomerate near # 21379 ditto
at edge of red shale and sandstone
valley on conglomerate. Common.
ph. 6.5.

21382 Grape growing on limestone
conglomerate ledge near # 21379 ditto
frequent. Vitis vulpina L.

21383 Henckera americana L.
growing on limestone ledges ditto
near # 21379. Common,
abundant here; just in fl.
black humus soil at foot = ph 8.00.

21384 Oxalis stricta L.
in rich limestone cong.
soil near # 21379 ditto
common

21385 Bromus commutatus Schrad.
in limestone cong. soil ditto
near # 21379.
ph. 6.5-7.00

~~Genus Veronica~~ 5/17/53
at edge of limestone conglomerate
1 mi. down limestone branch
21386 from route 15. a number of ~~Genus Veronica~~
plants of this Genus here; my (Ref) 19.
first found in Triassic area
Rare. ph in rich, dark
brown soil = ph 8.00

21387 Scutellaria nervosa. Pursh ditto
In grassy, damp meadow soil,
dark red brown soil, near # 21379
ph = 7.00. Infrequent.

21388 Arisaema atrorubens (L.) Blume ditto
forma viride (Engelm. & Fernald)
In rich, red brown loam soil
at edge of coarse limestone boulder
ph = 8.00

21389 Carex ditto
on cong. cliffs near # 21386
ph = 6.5-7.00

21390 Grass. ditto
Near # 21385 -
ph = 6.5-7.00
Frequent. Poa trivialis L.

21391 Large colony ditto
near # 21388 close to
limestone cong. boulder.
Infrequent. ph. 7.00-8.00
Aruncus ? Aruncus dioicus (Walt.) Kern.

21392 Rhus - growing from soil
at foot limestone boulders
of conglomerate
ph. = 7.00-8.00
Rhus radicans L.

5/17/53)

...

ditto

ditto

circle

1

45

✓
sitt

May 17, 53
H.A.A.

21

dieter

ditt.

dict

5. 10. 1944

May 24/53

Grass-

1 1/2 mi N. of route 7
29407 east of Goose Creek
In heavy woods,
Loudoun Co.
Festuca obtusa Bickler

29408 *Veronica officinalis* L.
In moist woods near
21407 Common.

29409 *Hieracium venosum* L.
In woods near # 21407
Common.

29410 *Lobelia spicata* Lam. var. *sapporae*
fl. white
In woods near # 21407
Frequent
Diabase.

29411 - Grass -
In moist woods near
21407 Frequent
Bromus pulegius L.

29412 Grass
In wet woods 1 1/2 north
of route 7. Frequent
Diabase.
Near # 21407 *Sphenopholis intermedia*
Rydb.

29413 *Carex squarrosa* L.
In woods by brook in
damp soil 1 1/2 mi N. of route 7
In woods
Frequent.

5/24/53
H.A.A.

ditto

ditto

ditto

ditto

ditto

Chimaphila umbellata (L.) Rend. 5/24/53

In dry woods 2 1/2 mi. N.
29414 of route 7 east of Goose Creek.
Diabase. Rare in area.

var. *cisatlantica* Bldg

29415 Grass. *Agrostis hiemalis* (Walt.) R. & P.
In low woods 2 mi. N. of
route 7 - east of Goose Creek.
Frequent.

29416 Grass. *Festuca obtusa* Bickler
In field 2 1/2 mi. N. of route 7
east of Goose Creek 1 1/2 mi.
Common.

29417 *Oenothera fruticulosa* L. var. *linearis* (Mill.)
At edge of field near # 21416 S. Wats.
Frequent.
Diabase.

29418 *Panicum linearifolium* Scribn.
In field with # 21417.
Common.
Diabase.

29419 *Juncus secundus* Beauv.
In field near # 21417
Common.
Diabase.

29420 *Houstonia* (fl. bluish) purpurea (fl. purple)
On dry bank - near # 7
1 mi. east of Goose Creek.
Common.
fl. bluish.

ditto

ditto

ditto

ditto

ditto

Rubus ~~Ranunc.~~ A.
tall 3-4 ft. arching herb
24421 Edge of field 2 1/2 mi.
N. of route 7, east of
Goose Creek 1 mi.
Common.

5/24/53
H.A.A.

24422 *Pentstemon digitalis*
Near # 21421 ditto
fl. white or whitish to bluish.
On edge of field in thickets
Frequent. Diabase. = *P. canescens* Brit.

24423 *Trifolium agrarium* L.
Edge of field near # 21422 ditto
Diabase.
Common.

24424 *Sutcliffia parviflora* Michx. var. *knuthii*
On dry wooded bank just
N. of route 7, east of Goose Creek 1/2
mi. Infrequent. Diabase ditto

24425 *Carex hirtella* Michx.
with # 21424 ditto
Diabase
Common

24426 *Dianthus armeria* L.
Near # 21424 ditto
Common
Diabase

24427 *Panicum lasiophyllum* Scribn.
Near # 21424 ditto
Common
Diabase.

Hypoxis hirsuta (L.) Coville
In dry woods near # 21424 5/24/53

24428 *Common*
Diabase.

24429 *Sonchella* *smallii* Brit.
with # 21424. ditto
Common; full fl.
Diabase.
In colonies.

24430 *Houstonia missouriensis* L.
fl. white (pure) ditto
Near # 21424.
Common
Diabase.

24431 *Andropogon quadrifolius* Jacq.
In rich damp woods (oak)
1/2 mi. N. of route 7; east of
Goose Creek 1 mi. Common.
Full fl; showy. Diabase

24432 *Botrychium virginianum* (L.) Swartz
In rich woods 1/2 mi N. of 7
east of Goose Creek 1 mi.
Frequent. Diabase. ditto

24433 *Carex*
Wet soil in woods just N. of
route 7, east of Goose Creek
1 mi. Diabase. ditto
Common

24434 *Carex hirsutella* Michx.
Near # 21433 ditto
Common
Wet soil
Diabase.

Carex hirsutella Nutt. 5/24/53
In wet *Spodiopogon* field
or pasture near route 7 (north)
21435 1 mi. east of Goose Creek.
Common
Diabase.

21436 In rich woods $\frac{1}{2}$ mi. N.
of route 7 (near 21406)
Common.
Diabase *Carex hirsutella* Nutt. ditto

21437 *Hieracium*
Edge of field with 21421
Diabase
Common ditto

21438 Grass
Near 21437
Edge of field
Diabase *Poa compressa* L. ditto
Common

21439 *Rubus*
Stem arching, top rooting,
trailing, edge of field.
Frequent
East of Goose Creek 1 mile
Diabase ditto

21440 *Carex glaucoidea* Tuckerm.
Edge of field with 21439 ditto
Dry. Frequent
Diabase

21441 *Oxalis europaea* Jord var. *cymosa*
with 21439 (Small Wing) ditto
Common
Diabase.

Rumex crispus L. 5/24/53
Near 21439
Common.
21442 Edge of field
Diabase.

21443 *Rhus toxicodendron*
with 21439 *Rhus radicans* L. ditto
Common
4-4 $\frac{1}{2}$ ft tall var. *rydbergii* (Small)
Diabase (Red)

21444 Moss on bog in pool in
woods near 21442 ditto

21445 *Potentilla simplex* Nutt.
Common
Near 21442
Diabase ditto

21446 *Sisyrinchium* *pseudopurpureum* L.
Not in fl.
Cut rhizomes pinkish.
Infrequent.
Growing edge pool near 21444 ditto

21447 *Galium obtusum* Bigel.
In woods with 20 mi. N. of
route 7; 1 mi. east of Goose Creek ditto
Common. fl. white
Diabase.

21448 Fungus on grass
near 21447 ditto
Infrequent.

Vitis
2 1/2 mi. N. of route 7
21449 1-1 1/2 mi east of Goose Creek
Near muddy pool in woods
Common
Diabase
Near #21446

21450 Carex decomposita Muhl.
+ arising big logs in
muddy pool in woods
2 1/2 mi. N. of Goose Creek and
1-1 1/2 mi. east of Goose Creek
diabase
infrequent
21451 Hay-scented fern
On bog in pool with #21450
Common.

Dennstaedtia punctilobula (Michx.) Maxon
21452 Grass in muddy pool
with #21450
infrequent
Glyceria septentrionalis Hitchc.

21453 Carex lupulina Muhl.
In muddy pool with #21450
Common
Diabase.

21454 Carex decomposita Muhl.
In pool with #21450
infrequent

21455 Prigia dandelion (L.) Nutt.
In woods near #21450
Occasional

Grass -
In wet soil near pool near #21450 5/24/53

21456

21457 Carex swanii (Fern.) Muhl.
At pool in woods and
near #21450
Occasional

21458 white fl. Dicentra
Cult. Allard's garden. 6/6/53

21459 Sisyrinchium
On slope Clark Mt., 6/6/53
Culpeper Co., Va. H.A.A.

21460 Celtis
On bank Rapidan River 6/6/53
near Rapidan
Culp. Co. Largetree

21461 Lysimachia
Near #21459.
Roadside bank - ditto

21462 Galium
with #21459
In woods. ditto

Galium
on roadside bank in 6/6/53
woods on Clark Mt. Va. H.A.A. }
21463

21464 In woods near # 21463
Sanicula
Common ditto

21465 Rosa. Near So. R.R. west of
Burgoyne Mt.; old field 6/6/53
Culpeper Co.
Common; full bl.
strongly stoloniferous.

21466 Apocynum
with # 21465 ditto
Common. Diabase

21467 Fraxinus
with # 21460 along
Rapidan R. Recent.
frequent. ditto

21468 In moist spot near
21465 ditto
Siriphus

21469 Eleocharis
with # 21468 ditto

21469a

Carex
In dry old field { 6/6/53
21470 with # 21465 H.A.A.
Common.

21471 Panicum
with # 21465 ditto
Common

21472 Rubus
In old field with # 21465 ditto
Common here; low arching,
not tip rooting Diabase. Plant A

21473 Anagallis
In old field with # 21465 ditto
Common. Diabase
bl. coppery red, not scarlet
as Wright states.

21474 Quercus marilandica
Near # 21465 - ditto
In thickets; common.
Diabase.

21475 Oenothera
bl. yellow, showing
abundant in old field ditto
with # 21465

21476 Scleria
with # 21465 - in ditto
same old field.

21476a grass.

Verbena fl. blue 6/6/53

In dry old field near So. R.R.
2 21477 just west of Buzzard Mt.
Frequent.
Diabase
Cul. Co.

2 21478 *Anthony spirea* allard's garden
pink fl. { 6/10/53

2 21479 *Anthony spirea*
Anthony waterer ditto
fl. white

2 21480 *Silene*
at junction of Limestone
Branch and Route 7, N. of Leesburg. Cong. ditto
Frequent. *Lychnis alba* Mill. 6/14/53

2 21481 *Bromus commutatus* ditto
with # 21480 school.

2 21482 Pasture on thin soil.
route on cong. rocks 1 mi. ditto
from Limestone Branch
near Limestone Branch.
Common

2 21483 with # 21482 ditto

Verbascum blattaria (6/14/53)

fl. yellow
21484 In pasture near
21483; common,
showy.

21485 *Verbascum blattaria*
fl. white ditto
with # 21484
common

21486 *Mint. Thymum canadense* var. virginicum ditto
on limestone cong. West.
near # 21484 - 1 mi.
from route 7, and near
Limestone Branch.
white fl.

21487 *Geranium* ditto
1 mi. from route 7 near
Limestone Branch on
cong. outcrop. common.

21488 *Galium concinnum* Torr. ditto
on cong. ledges
near # 21487
Frequent.

21489 *Sanicula canadensis* L. ditto
at foot of cong. boulders
near 21488.

Frequent
21490 *Heliotropium officinale* (L.) Lam. ditto
fl. yellow.
with # 21489
on cong. soil.

Runnet
1 mi. from route 7
near Limestone Branch
21491 on soil of cong.
Common.
6/14/53
H.A.A.

21492 *Amicifuga racemosa*
By cong. boulder
near 21491
Frequent.
ditto

21493 *Circaea*
In damp, shaded soil
near # 21492
ditto

21494 On cong. ledge
near # 21491
Rubus occidentalis
Common
ditto

21495 *Sibire*
Near # 21491
Frequent
Cong. soil
ditto

21496 *Heuchera*
On cong. ledges
near # 21491
Frequent
ditto

21497 *Vitis*
Near # 21496
Common.
Cong. soil.
ditto

Leaves off
Eromyrum atropurpureum (6/14/53
H.A.A.)
21498 Near # 21491
Low shrubs; not in fl.

21499 *Ruellia*
Near # 21491
Just in fl.
fl. purple
On cong. soil. Frequent here.
ditto

21500 *Brassicaceae*
In pasture near
21491.
Frequent.
ditto

21501 *Acalypha*
Near 21491
Frequent
ditto

21502 *Physalis*
In pasture by limestone
cong. ledges near (1/2 mi.) from
route 7, and near Limestone Branch
Frequent.
ditto

21503 *Polygonum*
fl. pink.
In wet soil along Limestone
Branch, near route 7
Frequent. Cong. soil
ditto

21504 *Saribus*
In wet soil beside route 7
1 mi east of Leesburg.
Occasional.
ditto

Oenothera

Near # 21504

6/14/53
H.A.A.

21505 Frequent.
Roadside thicket
Diabase soil.

21506 Carex
Near Limestone Branch ditto
near route 7-in red soil
cong. soil
Frequent.

21507 Salix large tree ditto
Near # 21506
Along Limestone Branch.
Frequent.

21508 Rumex crispus 6/22/53
In Attard's garden, H.A.A.
3000-7th St. N.
Arlington, Va
Plant A

21509 Geum canadense Jacq. 6/28/53
Along Cub Run just N. of H.A.A.,
route 50 1/2 to 1 mi. fl. white
In damp woods along Cub Run
in alluvial soil. Common.

21510 Scirpus atrovirens Willd. var. georgianus (L.) Kunz.
Near # 21509
Damp soil - on red shales
and sandstones ditto

21511 Umbelliferae fl. white ditto
In damp soil near
21510 - 4-5 ft. tall.
Frequent Cicuta maculata L

Carex

with # 21510
Frequent.

6/28/53
H.A.A.

21512

Carex tribuloides Wall.

21513 Salix
In same locality as
21510. ditto

21514 Carex bushii Michx.
In moist meadow ditto
near # 21510
Scattered - not in clumps.
Shattering.

21515 Saururus cernuus L.
In large areas in mud ditto
along Cub Run just N. of
route 50. Leaves nodding
with fragrant, white flowers;
very attractive. Common

21516 Brassicaceae
fl. yellow Rorippa islandica ditto
with # 21510 (Oeder) Barb. var. fernaldiana
Occasional 22-3 ft. Butt. & Abbe

21517 Santellaria integrifolia
In old field along Cub Run ditto
N. of route 50 1 mile.
Frequent. Nearly past fl.
Red shale & sandstone.

21518 Quercus bicolor Willd.
In old field with # 21517 ditto
Frequent.
Small trees.

Rumex crispus
In damp soil along Cub Run
21519 V. route 50-mile.
In alluvial soil
Frequent. Fairfax Co

= *Rumex obtusifolius* L.
21520 *Oenothera fruticosa* L. var. *linearis* (Walt.) S. Wats.
In old dry field ditto
1 mi. N. of route 50, near
Cub Run. Common. *Pycnanthemum flexuosum* (Walt.) R. S. P.
On Red shales and sandstone

21521 *Allium vineale* L.
forma *capituliferum* (W.D.S. Hook.) Aschers. ditto
with numerous flowers.
In meadow just N. of route 50
near Cub Run. Frequent
Red shale and sandstone

21522 *Hypericum spathulatum* (Spach) Steud. ditto
In dry old field N. of route 50
1 mile and near Cub Run
with # 21520 2 1/2 - 3 ft. tall.
Frequent

21523 *Cornus amomum* Mill. ditto
In same old field with
21520. Large shrub
Frequent. Most past bl.

21524 *Hypericum punctatum* Lam. ditto
with # 21520
Common.

21525 *Labatiae*
In same old field with
21520 ditto
Common. Narrow, linear
leaves. = *P. flexuosum* (Walt.) R. S. P.
Pycnanthemum tenuifolium R. S. P.

Oenothera fruticosa var. *linearis* (Walt.) S. Wats. 6/28/53
with very narrow leaves (early) H. A. A.
In old field with # 21520
21526 Frequent.

21527 *Juncus* (tall) *effusus* L. var. *solutus* (Walt.) S. Wats. ditto
In damp soil near N. of route 50
and near Cub Run
Frequent.

21527a *Juncus platyphyllus* (Wieg.) Fernald.
Red shale and sandstone.

21528 *Lysimachia ciliata* L. ditto
In moist soil near N. of route 50
along Cub Run. Recent or
alluvial soil. Common

21529 *Cryptotaenia canadensis* (L.) DC. ditto
with # 21528
Common
alluvial soil

21530 *Pycnanthemum tenuifolium* R. S. P. ditto
with 21520 - Fairfax Co
old, dry field. Red shales and
Common. sandstone. *Cornus amomum* Mill.

21531 *Oenothera fruticosa* L. var. *linearis* (Walt.) S. Wats. ditto
with # 21520

21532 *Rubus*
2 - 2 1/2 ft or 3 ft
arching, not tip rooting ditto
with # 21520
Common or frequent here

Rosa carolina L.
In old, dry field 1 mi. N. of Fairfax
route 50, near Cub Run
21533 with # 21520

Frequent

2-3 ft. fragrant.
Red shale and sandstone

21534 *Trifolium agrarium* L. ditto
In old dry field with
21533.

Common. 1-1.5 ft. tall

21535 *Carex* in dense oval
heads. ditto

In moist soil 1 mi. N. of
route 50, near Cub Run.

Red shale and sandstone
Frequent. *Carex squarrosa* L.

21536 *Deerberry* - long running.
with # 21533. ditto

Plant E - primocane

Occasional

21537 *Potamogeton diversifolius* Raf. ditto
In Cub Run at bridge
of route 50
Fairfax Co.

21538 *Apocynum cannabinum* L. ditto
Near Cub Run at route
50.
Red shale and sandstone
Frequent.

21539 *Scirpus atrovirens* Willd.
var. *georgianus* (Hayn.)
In wet soil near (N. of) Fairfax ditto
route 50 near Cub Run
Occasional
Red shale and sandstone

Galium obtusum Bigel. var. *filifolium* (Wieg.) Fern.
In moist soil near route 50
at Cub Run
6/28/53
Fairfax Co
H.A.A.

21540 Fruit smooth.
In dense colonies
Red shale and sandstone
Frequent.

21541 *Gratiola neglecta* Torr. ditto
Mud and wet soil at
junction Cub Run and
route 50

Frequent. Red shale and
sandstone

21542 *Nuphar advena* (L.) Ad. ditto
In mud and in Cub Run
at route 50, above and below bridge.
Stigmatic disk greenish or yellowish.
Anthers longer than connective.

Very abundant here and in
21543 Cub Run 1 mile. Full flower. ditto

Pontederia cordata L.

In Cub Run at bridge of route 50

In frequent on Triassic full fl.

21544 *Cornus* below route 50 ditto
at Cub Run. *Cornus amomum*
alluvial soil. Mill.

Large shrub. Dense.

21545 *Plantago* ^{major} *ragelii* Loudon July 5, 1953
Old field along Potomac
at junction with Broad Run
Red shale and sandstone.
Common

21546 In same field with # 21545 ditto
Amelanchier albidua (Mill.) Britt.

Ostrya virginiana (Mill.) Koch
along Potomac at junction
with Broad Run
21547 Common.
7/5/53
H.A.A.

21548 *Rhus typhina* L.
Busby form
near # 21547. ditto
Common fruit glabrous.
var. *oxylobos* (Fernald) B.S.P.

21549 *Plantago aristata* Michx.
with # 21545. ditto
Common in dry soil

21550 *Consolida sepium* L.
In old dry field with # 21545. ditto
Common
var. *fraterniflora* (Fernald) B.S.P.

21551 *Apocynum cannabinum* L.
Near # 21547. ditto
Common
var. *nemorale* (Fernald) B.S.P.

21552 *Potentilla norvegica* L.
In same field with # 21545
Common ditto

21553 *Trifolium arvense* L.
In old field with # 21545
Common in dry, poor soil ditto

Hypericum perforatum L.
along Broad Run near
junction with Potomac
21554 Common.
Red shales and sandstone
7/5/53
H.A.A.

21555 *Hypericum spathulatum* (Spach)
(shrubby)
along Potomac near # 21547 ditto
Common

21556 *Rudbeckia serotina* Nutt.
along Broad Run near
junction with Potomac
Near # 21554 ditto

21557 *Pleurocarpus opulifolius* (L.) Maxim.
with # 21547 ditto
Common

21558 *Hystrix patula* Moench.
on bank near # 21547 ditto
Common
Near # 21547

21559 *Justicia americana* (L.) Walt.
In water of Potomac
near # 21547 ditto
Common in cut Run, Broad Run
etc.

21560 *Verbena officinalis* L.
In thicket along Pot.
near # 21547 ditto
Common.

Lepimachia nummularia 7/5/53
In deep soil in meadow along
21561 Brood Run at near junction
with Potomac
Recent.
Common. fl. yellow.

21562 *Ficaria americana* L.
Near # 21561
Common. ditto

21563 *Brassicaceae*
fl. yellow.
with # 21561. prostrate
infrequent
Rorippa sylvestris (L.) Bess. ditto

21564 Grass
with # 21561
Common *Agrostis stolonifera* L. ditto

21565 *Celtis occidentalis* L.
Near # 21561
Common ditto

21566 *Potentilla norvegica* L.
with # 21561
Common
Recent. ditto

21567 *Pentstemon sedoides* F.
with # 21561
Common. ditto

umbellifer Plant A 7/5/53
fl. white
Near # 21561
21568 In meadow.
Common.
Cicuta maculata L. Y.

21569 *Lactuca* plant B ditto
4-5 feet tall
fl. yellow
Lactuca canadensis L. var. *latifolia* Retz.

21570 *Lactuca* plant C ditto
5-6 ft tall
fl. yellow
Lactuca canadensis L.

21571 *Carex lupulina* Nutt.
Large clumps
2 1/2 - 3 ft.
with # 21561
infrequent ditto

21572 *Lactuca* plant A ditto
Stem very hairy. fl. yellow
Plant A.
with # 21569

21573 *Lippia lanceolata* Michx.
with # 21561 ditto

21574 *Galium triflorum* Michx.
along Brood Run near
junction with Potomac
Red shales and sandstones
Common. ditto

Boehmeria cylindrica (L.) Sw. 7/5/53
On bank Broad Run near
junction with Potomac
21575 Common.
Recent.
No stinging hairs.

21576 *Sabip*
with # 21575
Common

21577 *Rubus*
Plant A
near # 21575, on edge of
field. 3-4 ft tall, erect,
arching. Common sp.
Not lip rooting.

21578 *Hypericum spathulatum* (C. Presl) Steud.
Near # 21575
Common. (shrub)
Recent.

21579 *Gerardia virginica* (L.) B.S.P.
On roadside bank near
Broad Run near route 7.
Red shales and sandstones
Common.

21580 *Viburnum prunifolium* L.
Near # 21577.
Common

21581 *Pyrenanthes tenuifolium*
On dry bank with # 21579
Common. = *P. flexuosum* (Walt.) B.S.P.

Umbellifer
Tall 4-4 1/2 ft
21582 On bank with # 21579
Frequent. 7/5/53
H.A.A.

Angelica villosa (Walt.) B.S.P.

21583 *Hypericum punctatum* Lam. ditto
On same bank with # 21579
Common

21584 *Scutellaria integrifolia* ditto
with # 21579 = *S. elliptica* Mill.
Frequent. var. *hirsuta* (Shott) Fern.

21585 *Ruellia carolinensis* (Walt.) Steud.
On bank with # 21579 ditto
Frequent var. *membranacea*
Fern

Vaccinium
21586 *Rubus vaillans* Torr. ditto
In dry soil with # 21579
Common.

21587 *Cucurbita pentagona* Engelm.
On *Leptodea*
On roadside near Broad Run
and near # 7 highway
Common

21588 *Ruellia*
vulgaris Near Road to Girl
Scout Camp east
of Luckett's near
Potomac River.
var. *lanceolata* (Bart.) Fern. 7/12/53
Red shales and sandstone
Common

Boehmeria cylindrica (L.) Sw
On flood plain of Potomac near
Girl Scout Camp east of Lucketts
7/12/53
21589 Resent
Common,
Red shale

21590 Mint.
Near Potomac, near # 21589. ditto
Frequent. *Teucrium canadense* L.
Recent. var. *virginicum* (L.) Cel.

21591 *Impatiens pallida* Nutt. ditto
Near # 21589
Common.
Recent.

21592 water plant.
In limestone Branch
at route 15 N. of Leesburg. ditto
Lemna minor L.
See # 20755 -

21593 *Salix* ditto
Near # 21592
Common

21594 *Houstonia longifolia* Guss. ditto
Dry soil in opening in
woods near 21595

21595 *Vinea minor* L. ditto
In woods near
Near Potomac near Girl Scout Camp
east of Lucketts. Red shale and
sandstone.

Cornus amomum Mill. 7/12/53
Beside # 21593
Common

21596
21597 *Corallorhiza spumosa* L. ditto
fl. white
Near # 21593
Common

21598 *Physalis subglobata* Michx. & Link ditto
In damp meadow
near route 15, near
Limestone Branch and near
Common # 21592

21599 *Congelomera* te ditto
Mint. *Teucrium canadense* L. var.
In damp soil, near # 21592
Frequent. *virginicum* (L.) Cel.
Congelomera te. Est.

21600 *Justicia americana* (L.) Vahl ditto
with # 21592
Common.

21601 *Fraxinus pennsylvanica* Michx. & Link ditto
Near # 21593
Common

21602 *Artium minus* (Hill) Benth. ditto
Near # 21593
Common

Rudbeckia serotina Nutt.
Near route 15 north of
Liesburg along Limestone Branch

21603 Common
conglomerate 7/12/53

21604 *Fraxinus pennsylvanica*
mark. ditto
Near 21601
Common
Stems pubescent.

21605 *Campsis radicans* (L.) Thunb. ditto
along road near Luckette
on route of Girl Scout Camp
Common.

21606 *Celtis occidentalis* L. ditto
Large tree near 21601
Common

21607 *Celtis occidentalis* L. ditto
Near X 21601
Frequent.

21608 *Carex frankii* Steud. ditto
Near X 21593
In damp soil
Frequent

21609 *Asclepias incarnata* L. ditto
with X 21593 var. *pulchra*
Common. (Chh.) Pers.

Saponaria officinalis L. 7/12/53
at bridge of route 15 over

21610 Limestone Branch.
Conglomerate.
Common

21611 *Hebeocallis fulva* ditto
double flowers. = var. *kuwano* Regel
Near X 21610.
Double form infrequent
Single " common.

21612 Parsley *Petroselinum hortense* Hoffm. ditto
Petroselinum crispum
2nd year plants going to seed
from Allard's garden. 7/11/53

21613 *Mentha spicata* L. 7/11/53
Allard's garden

21614 East of Goose Creek 1 mi. 7/26/53
north of route 7 2 mi. (H.A.C.,
at muddy pond hole in woods
Carex squarrosa L.

21615 *Celastrus scandens* L. ditto
along fence row near X 21614
Occasional.

21616 *Setaria glauca* (L.) Beauv. in grass?
Near straw stack in field
near X 21614. Common.
= *Setaria lutescens* Wieg.
Det. S. M. Chase

Anagallis arvensis L. (7/26/53 H.A.G.)

21617 1 mile east of Goose Creek,
2 mi. N. of route 7.
at straw stack in field.
Common. fl. coppery red.
Diacase.

21618 *Acalypha gracilens*
with # 21616. Gray ditto
Common.

21619 *Scaevola brachiatus*
with # 21616 - around
old straw stack in field
Common. ditto

= *Hedera pulegioides* (L.) Pers.
21620 *Diodia teres* (typical)
with # 21616 var. *hirsutior* ditto
Common. Fam. *Epilob.*

21621 *Cyperus petiolata*
with # 21616 (L.) Greene ditto
Common

21622 *Carex lupulina* Michx.
at pool in woods - damp
soil - near # 21614 ditto
+ frequent.

also *Plantago aristata* Michx.
21623 *Sphagnum americanum* Nutt. ditto
In mud and water with
21614. Common.

Dalium tinctorium L. (7/26/53 H.A.G.)

21624 Indamp soil with
21614
Common.

21625 *Vaccinium atrococcum* (Gray) Heller ditto
Tall 10-12 feet in bog
with # 21614.

Occasional
fruit blue black.
21626 *Sphagnum* ditto
In bog with # 21614

21627 *Scutellaria lateriflora* L. ditto
In bog with # 21614
Infrequent.

(Note very glandular foliage.
This not mentioned in bot. works.)

21628 Edge of field 1 mi. N. of
route 7, 1 mi. east of
Goose Creek. (Aug. 2, 53 H.A.G.)
Carya tomentosa Nutt. ditto
Common. Diabase.

21629 *Cassia fasciculata* Michx. ditto
In old field near # 21628
Common
Diacase.

21630 *Euphorbia corollata* L.
var. *paniculata* (L.) Boiss. ditto
In old field near # 21628
Common. Diabase.

- 1 mi. N. of route 7 7/26/53
1 mi. east of Goose Creek H.A.A.
In field
- 21631 Common
Diabase
Hypericum perforatum L.
- 21632 *Prunus mahaleb* ditto
2 mi. N. of route 7
1 mi. east of Goose Creek
Frequent = *P. arum*?
Edge of field. Diabase
- 21633 *Fraxinus americana* L. ditto
Near # 21628
Diabase
Edge field and woods.
- 21634 *Euphorbia corollata* L. ditto
In old field near
21628
Common
Diabase.
- 21635 *Lobelia inflata* L. ditto
Near # 21628
In old field
Common
Diabase
- 21636 *Aster occidentalis* L. ditto
Fruit orange brown
Near # 21632
Common.
Small tree. Diabase
- 21637 *Prunus americana* ditto
Near # 21632
Frequent
Diabase
Small trees.

- Grass at pool in woods 8/2/53
2 mi. N. of route 7 - 1 mi. H.A.A.
east of Goose Creek.
- 21638 Occasional,
In dark soil
Diabase *Cinna arundinacea* L.
- 21639 *Lactuca plant A.*
Bl. blue = *floridana* (Wright) Quin.
In thicket near Broad Run ditto
and along route 7. var. *villosa*
Common 5-6 ft tall (Aug) Aug.
Diabase
- 21640 *Lactuca floridana* (Plant A) ditto
Near Broad Run and
near route 7. Diabase.
Common
5-6 ft. tall. bl. blue.
- 21641 *Hypericum punctatum* Lam. ditto
In old field near 21628
Common
Diabase.
- 21642 *Parthenium integrifolium* 8/9/53
In open ^{dry} woods 1/4 mile N. of (Diabase)
route 7, and 1 mi. east of Goose Creek.
Rare in area east of Alleghenies and
Blue Ridge, Not in Bull Run area.
- 21643 *Euphorbia corollata* L. ditto
var. *paniculata* (Ell.) Boies.
In old field 2 mi. north of
route 7, 1 mi. east of Goose Creek. (Wright) Wild.
Common. Diabase
- 21644 *Liatris graminifolia* L. 8/16/53
Near route 7 on country
side road - in thin woods
by roadside. Occasional.
Diabase. 1 mi. east of Goose Creek.

Asclepias verticillata L. 8/16/53
along route 7, 1 mi. east of H.A. 9
21645 Goose Creek. Frequent
Diabase. fl. greenish-white

21646 *Euphorbia corollata* L.
var. *paniculata* (L.) Sims. ditto
Field 2 mi. N. of route 7 and
1 mi. east of Goose Creek
frequent. Diabase

21647 *Euphorbia petiolata* (L.) ditto
In same field with # 21646. Common

21648 Dodder on *Lourraquea*
ambrosia artemisiifolia ditto
with # 21646. Common
Diabase *Cuscuta pentagona* Engelm.

21649 *Lespedeza striata* (L.) ditto
with # 21646. A dense H.A.
covering not in fl. Annual.
Diabase. Very common in
fields.

21650 *Eupatorium coelestinum* ditto
with # 21644
Common
Diabase

21651 Grass *Paspalum laeve* ditto
with # 21645 along route 7. Common
Diabase

Eragrostis capillaris 8/16/53
with # 21645 H.A.
21652 Common
Diabase

E. spectabilis (Pursh) Steud.

21653 *Celastrus scandens* L. ditto
In edge thicket 2 mi. N.
of route 7, 1 mi. east of
Goose Creek. Frequent
Very high climbing. Diabase

21654 *Pyrus communis* L. ditto
with # 21653 - same
thicket - Common.
Diabase.

21655 *Quercus stellata* Wang. ditto
Near # 21653.
Common
Diabase.
Edge woods.

21656 *Quercus stellata* Wang. ditto
Near # 21653
Common
Diabase. S.Wab.

21657 *Oenothera fruticosa* L. var. *linearis* (Muhl.) ditto
1 mi. N. route 7, at edge of
field 1 mi. east of Goose Creek
frequent
Diabase. A late plant.

21658 *Polygonum punctatum* Ed. ditto
fl. white
1 1/4 mi. N. route 7, and 1 mi. east of
Goose Creek.
Common. Diabase

Agrimonia parviflora Ait. 8/16/53
fl. yellow. H.A.A.

21659 In old field $\frac{1}{4}$ mi. N. of route 7
and 1 mi. east of Goose Creek
along country road in woods.
Common
Diabase

21660 *Quercus imbricaria* Michx. ditto
Near #21653
Common in Triassic
area. Diabase.

21661 *Quercus velutina* Lam. ditto
Near #21653
Common
Diabase.

21662 *Symphoricarpos orbiculatus* Michx. ditto
Edge thicket near #21653
Very common
Diabase.

21663 *Solidago juncea* Ait. ditto
Edge thicket near 21653
Common
Diabase
Now showing in full fl.

21664 On cleared path for oil line
west of highway 2 mi. below
Seneca Rocks.
Paronychia fastigiata Paronychia
Common, forming dense mats. Raf. H.A.A.
Aug. 23, 53
West Va.

21665 On same shales with #21664
Panicum philadelphicum Benth. ditto

Eupatorium obtusifolium L. 8/23/53
H.A.A.

2 mi. N. of slope from
21666 Petersburg highway, on
dry shales in open or
oil pipe line. Common.

21667 *Desmodium rigidum* L. ditto
 $1\frac{3}{4}$ mi. N. of same oil line
Common near #21666

= *D. ciliare* (Muhl.) DC.
21668 *Lespedeza repens* L. ditto
On same shaley oil line
2 mi. from Petersburg highway.
Common = *L. procumbens* Michx.

21669 *Aster pilosus* Willd. ditto
On same pipe line $\frac{3}{4}$ mi.
N. of from highway, on dry shales.
Common.

21670 *Pycnanthemum incanum* (L.) Muhl. ditto
1 mi. N. of pipe line on
dry shales, - on 45° angle
at least. Frequent. Michx. Raf.

21671 *Salix* L. ditto
along ditch above Harman,
W. Va. Common

21672 *Polygala curtisii* Gray ditto
along roadside bank above
Harman. Common

Antennaria dioica 8/23/53

var. *argillicola* Stebbins H.A.A.

on same pipe line as 21664

21673 1 mi. N. from Petersburg highway
Common. Gray 8 has *A. virginica* Stebbins

On barren shales, ~~stems~~ *argillicola* Stebbins
slope at least 45° angle.

21674 *Spiranthes gracilis* (Pursh) Reub ditto
On bank above Harman
along roadside. Frequent.

21675 *Lupinus* ~~sp.~~ *peurum* with
Tall, erect. purple spot
on same barren shales
near # 21673. Common.

21676 *Helianthus helianthoides*
along roadside above
Harman.
Very common, showy
everywhere.

21677 *Salix discolor*
on Blackwater River
at route 32. Common

21678 *Solidago juncea* = *S. rigida* Ait. ditto
f. ramosa
along Dry Fork below Dry Fork
incorporated. Common
along Blackwater River
near # 21677

21679 *Solidago graminifolia*
with # 21677. L.
Exceedingly common everywhere
in Davis region

water plant submerged 8/24/53
in Blackwater River where
crossed by highway 32 to Davis. H.A.A.
21680 No print seen.

21681 *Galium parisiense*
Near # 21677
Very common. *G. asprellum* f. ditto
sprawling over herbage.

21682 *Helianthus autumnalis* L.
very common - with # 21677 ditto
showy.

21683 *Verbena hastata* L.
with # 21677. bl. blue. ditto
Very common

21684 *Aster prenanthoides* Mill. ditto
along Dry Fork below
Dry Fork incorporated Randolph Co.
A large meadow here with
several haystacks, and where we
practiced golf.

21685 *Aporosa cannabinum* L. ditto
on top Canaan Mt.
Common.

21686 *Aster umbellatus* Mill. ditto
var. *puberulus*
with # 21685. (with variety)
Very common here

Eupatorium maculatum L. 8/24/53

Top of Canada Mt (3702 ft.)

21687 Very common, very showy
with huge pinkish-lavender
flowers. One of most showy
plants now.

21688 *Lactuca biennis* (Moench.) Fernald
with # 21684 plant A
8-10 ft. tall
fl. yellowish.
Frequent

21689 *Solidago juncea* L.
with # 21684 bootia
Common.

Solidago gigantea Ait.
var. *leiophylla* Fernald

21690 *Elymus riparius* Wiegand
grass.
with # 21684
Common

21691 *Actinomeris alternifolia* (L.) DC.
with # 21684
Common - very showy.

21692 *Helianthus giganteus* L.
with # 21684 plant A
Common.

21693 *Scrophularia marilandica* L.
with # 21684
Frequent.
Corolla purplish brown.

Fine, delicate grass
on ledge beside road near
Dry Fork, below Dry Fork

21694 On dry shelf of rock.
Agrostis perennans (Walt.)
Tuckerm.

21695 *Polygonum scandens* L.
Near # 21684, sprawling
over high herbage. Common.

21696 *Collinsonia canadensis* L.
Near # 21684, along
Dry Fork. Frequent,
Lemon-scented

21697 *Smilax tannoides* L. var. *hispida*
var. *hispida* (one seed) (multi-fem.)
with # 21684 br. black.
Lower portion stems with black
prickles, some strong and sharp

21698 *Rhizomes* long, thickly.
Sparaganium americanum Nutt.
In mud along Dry Fork
near # 21684 Common

21699 *Mentha spicata* L.
Near # 21698
fl. bluish -

21700 *Solidago juncea*
Near # 21684
Common

Solidago gigantea Ait.
var. *leiophylla* Fernald

Desmodium

below Dry Fork ^{along Dry Fork} ^{unimproved}

216 21701 Frequent.
Near 21684
~~at~~

(8/24/53)

21 21702 Mint
Near X 21684
Occasional.

ditto

Teucrium canadense L. var. virginicum (L.)

21 21703 Phlox maculata
Near X 21684

ditto

Frequent. = P. peniculata L.
Shony

21 21704 Stellaria graminea L.
In wet swale
near 21694
Infrequent.
Very delicate

ditto

2 21705 Helianthus autumnalis L.
Near X 21684

ditto

Common; very shony

21 21706 Sagittaria latifolia Willd. var. obtusata
In wet soil near X 21704
Occasional.

ditto

21 21707 Scutellaria lateriflora L.
In damp soil of swale
near X 21704
Occasional.

ditto

June 15, 1952. Walk down
Limestone branch from route
15 (to Point of Rocks highway, 3 miles, 9
returning over rocky ledges and
pastures, all in limestone
conglomerate outcrops - trip
5-6 miles.

June 22, 1952. Followed
down Cub Run from bridge
of route 211, 3-4 miles both
sides. A very picturesque
stream, rising in diabase
area south of Arcola - or at
least flowing through diabase
or trap rock soil from the
bridge on 211 almost to Bull
Run Creek into which it flows.
I have never seen a more
bouldered-littered stream in
the Triassic area from a point
just below X 211 - all diabase,
with diabase boulders and ledgy
outcrops back from the flood-
plain area on both banks.

July 3, 1952. We left Ash. Va. at 10 am.
fast time for Davis, W. Va., arriving
there at about 6 pm. E.S.T. Go by way of
Harrisonburg, Franklin, Riverton, Seneca

up route through Harman, to Davis.
collected some plants at Lookout at
Germany Valley. Most collecting done
July 4, on course of Texas gas pipe line
1 mile below Serleca Rocks. This
extending up ridges and over North
mountain crest about 4-4 1/2 miles.
forded south branch to get over other
side.

7/27/52 - To Young's Branch on route 211,
following stream up from 211 1 1/2 - 2 mi.
all on red Manassas shales and sandstone.
In afternoon to railroad station at
Haymarket, collecting on brook which
is a branch of the Broad Run some
distance down. Entire days walk
covered about 4 miles in all. This
territory also on Manassas red shales
and sandstones.

Aug. 3, 1952. To route 15 on highway from
Leesburg to Point of Rocks. Turned right
to Conrad ferry crossing Potomac to
Poolesville, Md. Collected along shore
Va. side up river 1 1/2 miles and back
in woods. All Border Conglomerate.
walked only a total of 2-2 1/2 mi.
collected at big lime stone spring near
Leesburg, where stocked with rainbow trout.
Larvae minor very abundant in this
cold spring.

August 19, 1952. To Buzzard Mt. (1)
climbing both peaks - and collecting
from the So. R.R. to the Quarry pool
and in the deep sag between the
two peaks.
5 mi. to
rock
is at
blowing
peak
Swiss
trail
pass
out. So
went
to

Aug. 21
down
bridge
collected
near
at the
higher
to top
Rock
above
dough
Beth
more
than 10

Journal
Aug. 19, 1952 to
Aug. 16, 1953

August 19, 1952. To Buzzard Mt. ⁽¹⁾,
climbing both peaks - and collecting
from the So. R.R. to the quarry pool
and in the deep sag between the
two peaks, and on the slopes and
apex of both peaks. Walked nearly
8 miles. All the underlying
rock formations and outcrops
is diabase. All the common spring
plants occur on these two
peaks - i.e., Hepatica, Bellworts,
Smilacina, Polygonatum (no
trailing arbutus, as soil derived by
basal, and few heaths - no
mt. laurel, Cyanus, Vaccinium.
Went with Mr. Cougle and his son
ri

Aug. 26, 1952. To Goose Creek, walking
down stream left bank from the
bridge about 2 miles and return,
collecting much material on
recent flood plain soil, and diabase
at the quarry near the bridge at #7
highway. Then drove to Leesburg
to big spring on route #15 to Point of
Rock collecting here. Walked
about 5 miles. Went with my
daughter Doris and granddaughters
Beth Rose and Linda Lee Chilton.
Many plants collected. All around
the big spring are conglomerate lime-
(over)

Sept. 7, 1952. To Goose Creek, collecting in the dry pine and deciduous woods $\frac{1}{2}$ 1-mile west of Goose Creek, and on the quarry at the creek, left bank going down. all diabase formation. Day very cloudy, thunder and rain in the morning. Walked 3-4 miles going and coming.

Sept. 14, 1952. To Point of Rocks on Potomac. Collected a few plants on conglomerate at big spring on route 15. Then some plants on Va side just below Point of Rocks, along stream and in corn field - reposit along stream, and undifferentiated Cambrian along route 15 - here. Then drive to Limestone Branch collected along stream, and in pastures here, all Limestone conglomerate on this portion of walk. Temperature extremely hot - one of hottest - or near - on record. Walked 6-7 miles by pedometer.

Sept. 21, 1952. To Belmont Station, taking (3)
route 659 from route 7. Parked at the
railroad here, walking up the railroad
past the trap rock quarry, and on to
Goose Creek, crossing the R.R. bridge
to the west side. We crossed the
pastures and followed up stream on
the right bank up about $\frac{1}{2}$ mile.
Collected along the R.R., along
Goose Creek here, and all around
Trap rock and quarry, where
enormous piles of fine detritus
had been discarded from rock-
crushing and screening. Here
many plants, weeds and other
plants were established on the
loose material - more especially
Chenopodium album, and the

Oenothera
walked by pedometer about 5 miles -
September 28, 1952. To Broad Run
at Buckland, following left bank
down stream from bridge about
2 miles - all on diabase outcrops.
Then return walking west from
route 211 above the bridge, all
over ledge outcrops of red Mayassar
shales. Total walk by pedometer =
4 miles. No Quercus imbricaria seen.
Species of yellow water lily at (over)
bridge, but long past blover.

(4)

October 5, 1952. To Little River
on route 15 to Oatlands and
Leesburg, just off route 50 to
Aldie. Walked about 2 miles
up stream from the bridge of
route 15, and a short way
down stream below the bridge,
where outcrops of diabase appear.
Up stream collecting was done
mostly on the alluvial flood plain
soils (recent). The underlying
rocks on adjacent hills appeared
to red shales and sandstone
(Manassas). No shingle oaks on
this stream as near as seen anywhere.
Walked about 4 miles by odometer.

October 19, 1952 - To Goose Creek,
walking down stream from route 15
about 2 miles and return, down
stream to a low rapids beyond a
corn field on an alluvial plain,
with low bluffs on the opposite shore.
Near route 15 Goose Creek, the right
bank is extremely steep and rocky,
passing into a low, sandy, alluvial
plain. Near the stream were shingle
oaks, and dense thickets of
hackberry, with some large ripe
pinks on the ground.

(over)

November 2, 1952. To Limestone Branch from route 15 north of Leesburg. walking downstream finally after $3 - 3\frac{1}{2}$ miles to the Potomac River. Here we encountered steep limestone conglomerate cliffs, with Aster oblongifolius in showy masses. Returned across the wasteland on high ground with many conglomerate cliffs and boulder outcrops which I photographed. walked about 7-8 miles by odometer. (5)

Nov. 16, 1952. To Ball's Bluff, walking south from cemetery about $2 - 2\frac{1}{2}$ miles - or to end of Harrison St. - on Potomac shore, where red s.s. and shales come to edge of Potomac, preventing further course south.

Nov. 9, 1952. To Ball's Bluff and back. walked $7 - 8$ miles in all. walk north about $3\frac{1}{2}$ miles on alluvial floodplain along Potomac, return through woods above bluff. in all about 8 miles by odometer.

March 29, 1953.

To Buzzard Mountain, Culpeper Co., Va. Walked to first peak, and continued down deep valley of the second peak or twin. Walked 7-8 miles going and going collecting plants en route, all diabase formations.

April 19, 1953. Walk through heavy deciduous woods and pastures just east of Goose Creek (right bank down for ~~2~~^{about 7} miles ^{coming and going}). All diabase formations, except near Potomac River where Red sandstones met with.

~~April 19, 1953.~~

Day cool and windy but sunny.

April 22, 1953. Down Goose Creek left bank down for about 2 miles, with Sally Allen and Olive Schudge. Day warm, sunny, very beautiful. Botanized on alluvial flood plain and also on ridges, diabase, and red sandstones to west. Walked in all about 4 miles.

May 3, 1953. To Ball's Bluff Cemetery and south along Potomac River south for $2\frac{1}{2}$ miles - Loudoun Co., along alluvial flood plain, and up the cliffs (conglomerate) back to car. Walked 5 miles by pedometer.

May 10, 1953. To Balk Bluff north of Leesburg.
Loudoun Co. (7)

May 17, 1953. To Limestone Branch
and across pastures 1 mile, down
all limestone conglomerate outcrops.
walked about 4 miles by pedometer.

May 24, 1953. To diabase hill 1 mile
east of Goose Creek, walking north
from route 7 for $2\frac{1}{2}$ miles through
woods and fields. Visited large
muddy pool in heavy oak woods
 $2\frac{1}{2}$ miles from route 7 (North), walked
6 miles by pedometer.

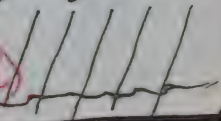
June 6, 1953. To Rapidan River
and Clark Mountain, and
just east of So. R.R. near foot of
first peak of Buzzard Mt.,
with E.C. Leonard. I walked
4 miles by pedometer.

All localities in Culpeper Co.
June 14, 1953. To Limestone Branch
north of Leesburg, Va. walked from
this route 7 across pastures 1 mi
and near Limestone Branch
over Conglomerate soil outcrops.

(8)

June 28, 1953. To Cub Run
at junction with route 50,
collecting north along this
stream, along the flood plain,
and in old fields and thickets
on the left bank going up.
walked about 1 mile about
up stream, and a short distance
below the bridge of route 50.

Nuphar advena was very
abundant in mud and water
from route 50 to a mile or
more upstream, and in full
flower. This trip was in Fairfax Co.
Pontederia cordata was growing
at the bridge of route 50. Entire
walk up and return covered
3 miles. Rocks red shales and sandstone
Fauquier Co.

July 5, 1953. To Broad Run of
route 7, driving along Broad
Run as far as the Potomac.
Collected along the Potomac,
and at a point along Broad
Run near its emptying into
the Potomac. Outcrops red shales
and sandstone nearly vertical
over. (over) 

collecting very poor on this trip, ⑨
as much of the area is being
given over to devastated woodland,
barren weedy fields and a
building development.

July 12, 1953. To Girl Scout Camp 10
at end of road, turning east
at Lucketts, about 3 miles and
near the Potomac. Walked
from this Camp by a trail to
the Potomac. An area very
poor from a botanical point of
view, and few plants of interest
were met with. Walked about
3 miles here a short distance
up the Potomac, then returned
to Limestone Branch below
Lucketts. Collected near and
above the bridge of route 15,
on conglomerate outcrop.
walked about $3\frac{1}{2}$ miles by
pedometer - all in Loudoun Co.

July 26, 1953 - To knob east of
Goose Creek about 1 mile and
about 2 miles north of route 7 to
Leesburg. All on diabase outcrops.
Visited muddy pool in woods near
field with big straw stacks, and about
opposite this. Found a large, fine
doe dead in the woods. Walked
about $4-4\frac{1}{2}$ miles in all by
pedometer. All in Loudoun Co.

August 2, 1953. To same area (11)
and pools, fields and woods
visited ~~August~~ ^{July} 26, 1953, all
diabase territory - a few field
plants, trees and shrubs
collected. Very dry. Walked about
5-6 miles. Day extremely hot and
sultry, partly cloudy with intense
sun in afternoon. Maximum
predicted 90°F.

August 9, 1953. To the same fields
and woods visited August 2, collecting
one new plant (Parthenium
integrifolium) near route 7.
Heavy showers drove us to the car
near 5 p.m., with a deluge of rain,
a most wondrous rainbow following
over the eastern hills, with
supernumerary inner and outer
bows.

August 16, 1953. To the same area
covered on August 2, Aug. 9 and
July 26. A clear, not too warm
day, but thunderstorms indicated
in the west at nightfall.

